NASA CR-144943 D6-42377-6

# TIMELINE ANALYSIS PROGRAM (TLA-1) FINAL REPORT—APPENDICES

K. H. Miller

**April 1976** 



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for
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NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

## BOEING COMMERCIAL AIRPLANE COMPANY

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#### **ERRATA**

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TIMELINE ANALYSIS PROGRAM (TLA-1)

FINAL REPORT

and

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TIMELINE ANALYSIS PROGRAM (TLA-1)

FINAL REPORT APPENDICES

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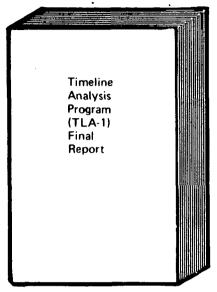
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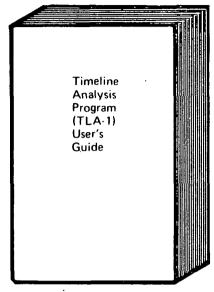


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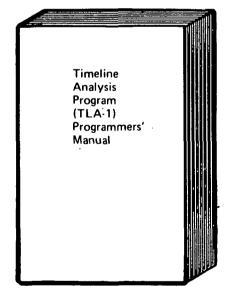
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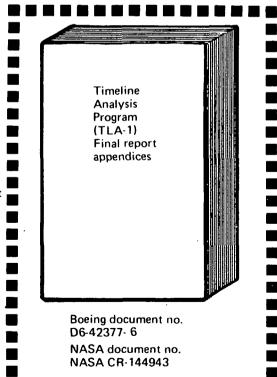
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APPENDIX ONE

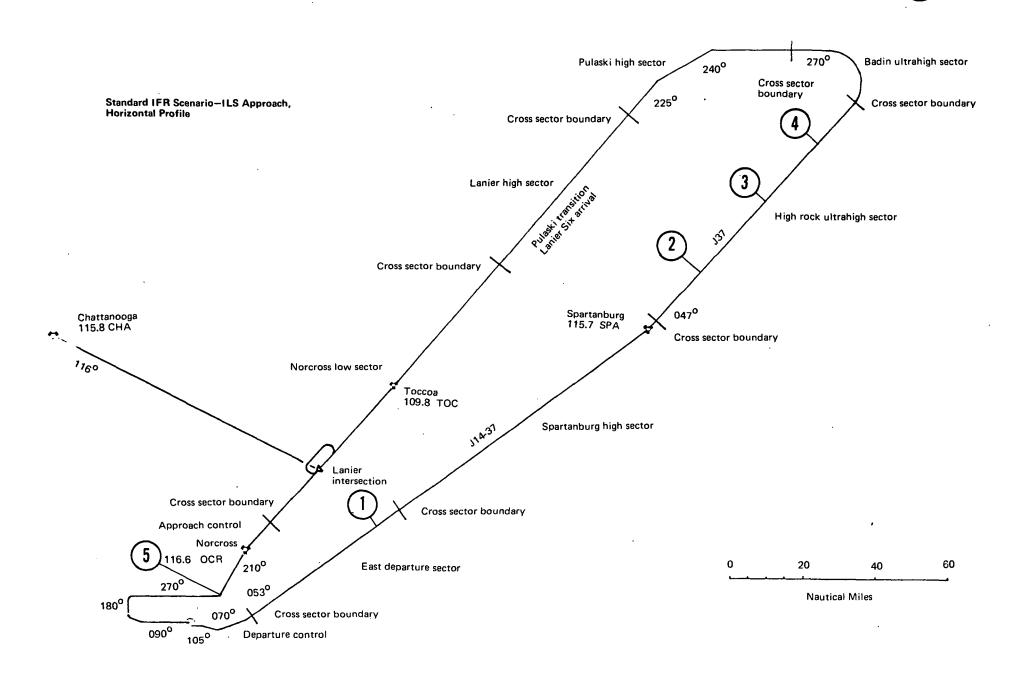
SCENARIOS 1A AND 1B

### **SCENARIOS 1A & 1B\***

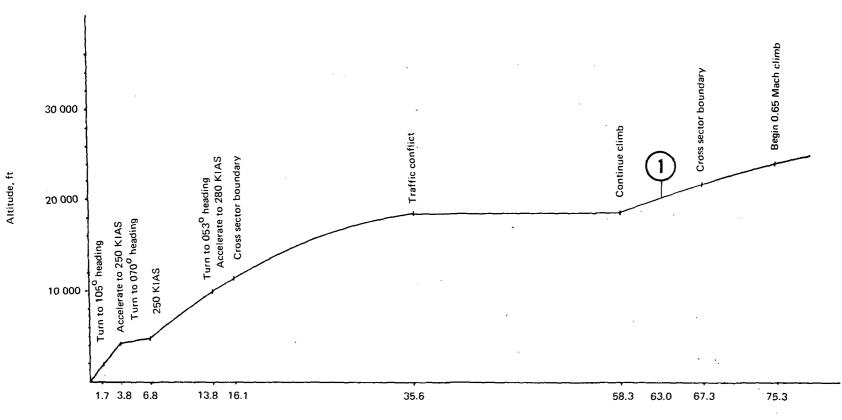
IFR, flight,—Hartsfield Atlanta International Airport to Washington National Airport with unscheduled return to Atlanta.

ILS approach to Hartsfield Atlanta International Airport.

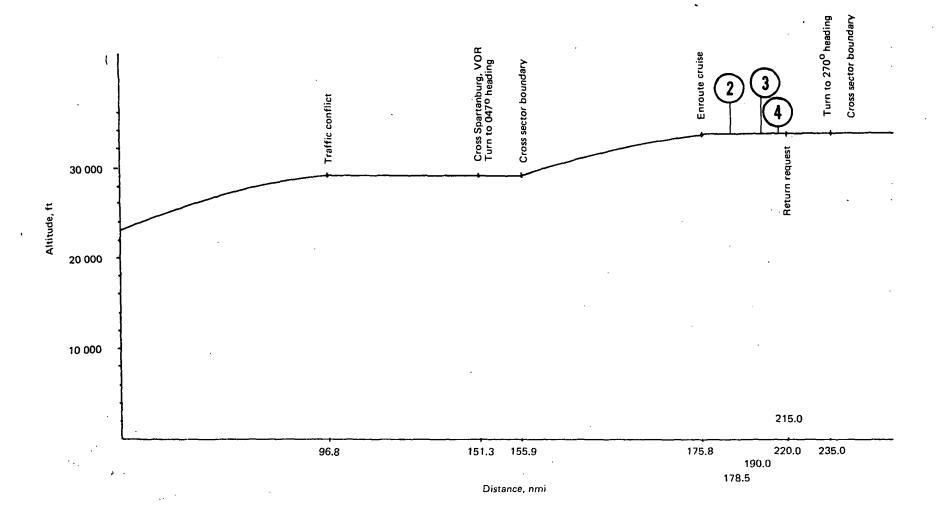
<sup>\*</sup>Scenario 1B is identical to 1A except for the addition of malfunction events.

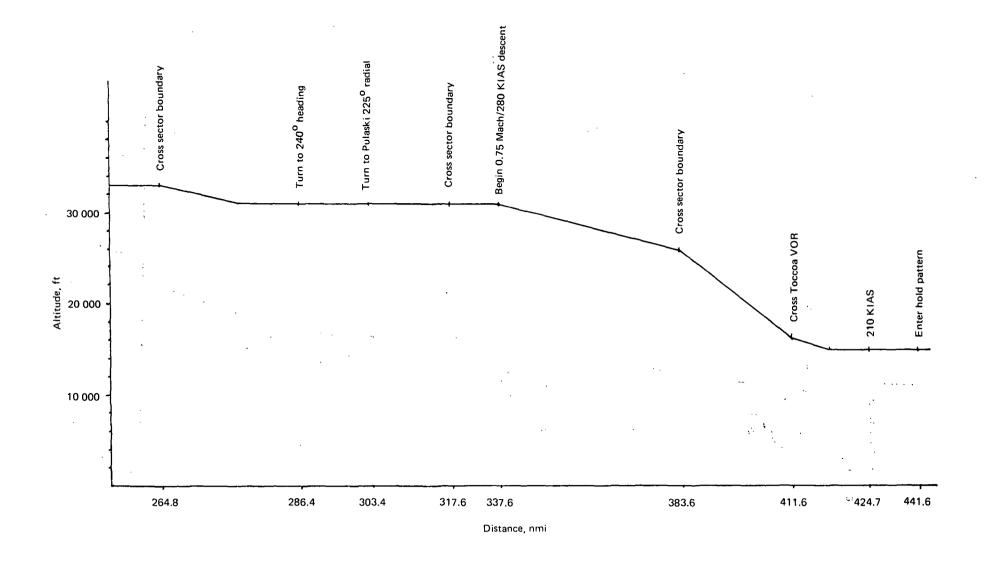


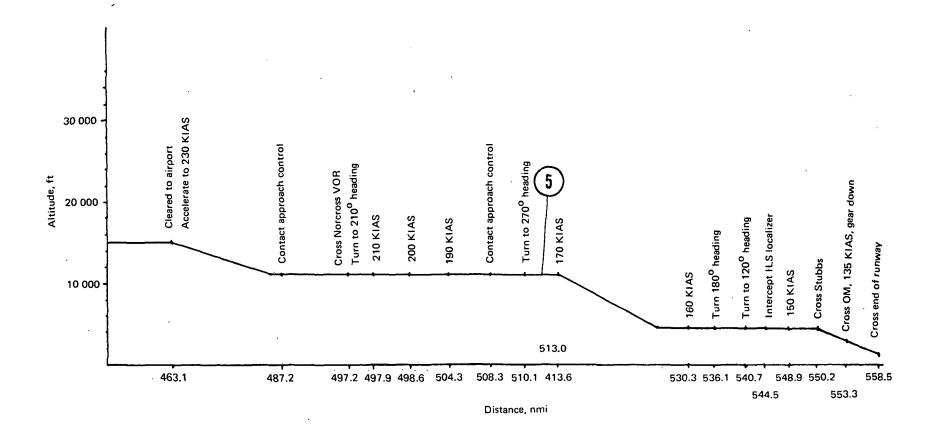
Standard IFR Scenario-ILS Approach, Vertical Profile



Distance, nmi







#### FLIGHT SCENARIO

TIME	DIST.	ALT.	EVENT	COMI	COM2	COM3	COM4	NAV1	NAV2	NAV3
min:sec	n.m.	ft.	Tune Clearance Delivery	121.65			· <del>-</del>			
			Tune Ground Control		121.9				. •	
			Tune Atlanta Tower			119.5				
			Tune Departure ATIS .				111.0			
			Select Clearance Delivery						•	
·			<u>Pilot</u> : Altanta Clearance Delivery, this is NASA 515 at Gate X, IFR to Washington National. (Call up initiated not more than ten minutes before ready to taxi.)						. ·	
			Clearance Delivery: ATC clears NASA 515 as filed, climb and maintain five thousand feet, noise abatement procedures are in effect, contact Atlanta departure on one two five point seven, squawk two two one three, over.	,						
:		,	<u>Pilot</u> : NASA 515 roger, cleared as filed, maintain five thousand, noise abatement procedures in effect, contact Atlanta departure one two five point seven, squawk two two one three, over.							

TIME	DIST.	ALT.	EVENT	COM1	COM2	COM3	COM4	FVAN	NAV2	NAV
	n.m.	ft.	01							
			Clearance Delivery: NASA 515, Clearance correct,							
			contact ground control on one two one point niner							
•			when ready to taxi.							
			Pilot: Roger.		•					
•			Set Transponder code.							
			Select Departure ATIS: Information Kilo; one six one							
			zero observation, three thousand scattered, ceiling				•		•	
			five thousand broken, visibility two three, temperature	•						
			five niner, wind one one five degrees at seven gusting							
			to one six, altimeter two niner eight six, landings							
			runways zero eight, niner right, departures runways							
			zero eight, niner left. Noise abatement procedures	,						
			are in effect. Advise controller on initial contact							
			you have information Kilo.							
			Set Altimeter 29.86							
	•		Tune Atlanta VOR	•				115.6		
			Tune Spartanburg VOR						115.7	

•

•

.

TIME DIST. ALT. EVENT COM1 COM2 COM3 COM4 NAV1 NAV2 NAV3

n.m. ft.

Select Ground Control

 $\underline{\text{Pilot}}$ : Atlanta ground, this is NASA 515 at Gate X, request permission to push back. We have information Kilo, over.

<u>Ground</u>: NASA 515, Atlanta ground, roger, clear to push back. Advise when ready to taxi, over.

Pilot: NASA 515, roger.

Pushback - Approximately 60-120 seconds.

Engine Start - Estimate 30-60 seconds in addition to pushback time.

Pilot: Atlanta ground, NASA 515 ready to taxi.

<u>Ground</u>: NASA 515, taxi to runway niner left via northeast-southwest taxiway. Hold short of runway zero eight, over.

<u>Pilot</u>: NASA 515, roger. Taxi runway niner left, hold short runway zero eight.

TIME	DIST.	ALT.	EVENT	COM1	COM2	COM3	COM4	NAVI	NAV2	NAV:
	n.m.	ft.	Set Takeoff Flaps 5 <sup>0</sup> .							
			Taxing to runway 9L will involve straight apron seg-							
			ment of 1125 feet, right turn (90°) to 2000 foot seg- ment of northeast-southwest taxiway. This takes air-							
			craft to holding position for crossing runway 08 and							
			should require 2 to 3 minutes taxi time. Holding at							
			runway 08 could involve a departing or arriving air-						٠;	
			craft using runway 08 which would require approximately						4	
			40 seconds to 90 seconds of wait time. Once cleared							
			across runway 08:							
			Ground: NASA 515, cross runway zero eight, over.						* *	
			Pilot: NASA 515, roger.							
			Taxiing will involve crossing congested 'X' intersec-							
			tion in middle of field. This intersection would be							
			reached in 40 to 60 seconds after runway crossing.			•			:*	
			Possible traffic conflict could result here.							
			Ground: NASA 515 hold short of next intersection,						€ 4 	
•			cleared behind Eastern trijet, over.						•	

•

EVENT COM2 COM4 NAV1 NAV2 NAV3 TIME DIST. ALT. COM1 COM3 ft. n.m. Pilot: NASA 515, roger. Once past intersection (90-120 seconds), ground control will contact aircraft. Ground: NASA 515 contact Atlanta Tower on one one niner point five, over. Pilot: NASA 515 roger, one one niner point five. Select Atlanta Tower (60° right turn must be executed at end of northeastsouthwest taxiway onto parallel taxiway.) In approximately 60 seconds: Pilot: Atlanta Tower, this is NASA 515 ready for takeoff, runway nine left, over. <u>Tower</u>: NASA 515, taxi into position and hold, over.

Pilot: NASA 515, roger.

										•	
•	•										
			•						. :		
							÷				
TIME	DIST.	ALT.	EVENT.	COM1	COM2	COM3	COM4	NAV1	NAV2	NAV3	
	n.m.	ft.									
			Within approximately 60 to 90 seconds:	•							
			Tower: NASA 515, cleared for immediate takeoff.				÷				
			Pilot: 515, rolling.							•	
0:33:45	0	1000	Apply takeoff thrust.		•						
34:17 ± :05	0.6	1000	Rotation								
34:22 ± :02	0.8	1035	Flare to 35 feet								
			Speed: 145 kts.						-		
			Dist.: 5000 feet								
34:27 ± :05	1.1	1250	Retract gear.						•		•
			<u>Tower:</u> NASA 515, contact Atlanta departure on one two five point seven, good-day.								
•			Pilot: NASA 515, roger. Good-day.						٠		
			Select Atlanta Departure Control.			.125.7				,	
			·								

TIME	DIST.	ALT.	EVENT	COM1	COM2	COM3	COM4	NAV1	NAV2	NAV3
	n.m.	ft.								
			Pilot: Atlanta departure, this is NASA 515, over.		•					
		•	Departure: NASA 515, Atlanta departure, roger.	•						
			Squawk ident.							
			Key ident.							
•	•		Departure: NASA 515, radar contact. Say altitude,							
			over.							
			Pilot: NASA 515, leaving one eight hundred.							
34:45 ± :05	1.7	1975	Cross Middle Marker, initiate turn to 105 <sup>0</sup> heading (15 <sup>0</sup> turn - 15 <sup>0</sup> bank).							
34:52 ± :02	2.0	2300	On 105 <sup>0</sup> heading.							
35:00 ± :02	2.3	2500	Retract flaps to 10 detent.							
			Maintain V <sub>2</sub> + 15, Set climb thrust.							
35:38 <sup>±</sup> :02	3.8	4000	Reach 3000 feet above ground level. Begin accelera-							
			tion to 250 KIAS. Maintain 500-1000 ft/min rate of climb.							
35:58 <sup>+</sup> :05	5.0	4255	Select flaps 0°. Speed 190 KIAS.		•			i.	٠.	

TIME	DIST.	ALT.	EVENT	COM1	COM2	COM3	COM4	NAV1	NAV2	NAV3
	n.m.	ft.								
			Departure: NASA 515, for vector to intercept Jay thirty							
			seven, turn left heading zero seven zero, climb and							
			maintain niner thousand, over.							
			Pilot: NASA 515, roger. Left heading zero seven zero,							
			maintain niner thousand.							
36:03 ± :01	5.3	4320	Begin left turn to 070 heading (35° turn - 25° bank)							
36:17 ± :05	6.1	4500	Complete turn.							
36:27 ± :02	6.8	4625	Reach 250 KIAS.							
			•						٠.	
37:50 ± :05	11.8	8000	Departure: NASA 515, climb and maintain one two thou-							
			sand, over.							
			Pilot: NASA 515, roger, maintain one two thousand.							
38:20 ± :05	13.8	10000	Reach 10000 feet. Begin turn to 0530 heading and J37.							
			(17 <sup>0</sup> turn - 15 <sup>0</sup> bank)							
			(Monitoring Atlanta VOR)						-	
38:37 ± :05	15.1	10600	Turn complete.							•
			Begin acceleration to 280 KIAS.		•			•	•	

TIME .	DIST.	ALT.	EVENT	COM1	COM2	COM3	COM4	NAV1	NAV2	N.A
	N.M.	FT.								
38:49 ± :05	16.1	11000	<u>Departure</u> : NASA 515, climb and maintain flight level	•						
		-	two three zero, contact Atlanta center on one two							
			three point niner five, over:							
			Pilot: 515, roger. Climb and maintain flight level							
			two three zero, center one two three point niner five,							
			good-day.							
			Tune Atlanta Center, East Departure Sector			123.95				
			· Select Atlanta Center, East Departure Sector							
		٠	Pilot: Atlanta Center, this is NASA 515 out of one							
			one thousand for flight level two three zero, over.							
			<u>Center</u> : NASA 515, Atlanta Center, roger. Squawk							
			ident.							
			. Key ident.							
			Center: NASA 515, radar contact. Report leaving							
	. *	1	flight level two one zero, over.							
							. •	**	÷	
			Pilot: NASA 515, roger. Report flight level two		• •		• •		* ii .	
·			one zero.							

4								,		
	4				•					
							•			
1E	DIST	ft.	EVENT	COM1	COM2	COM3	COM4	NAV1	NAV2	NAV3
	11.111.	16.	Tune Company frequency	ARINC						
			Tune Emergency frequency		121.5					
:25 ± :10	29.6	17000	Center: NASA 515, maintain flight level one eight zero. Traffic twelve o'clock, four miles, northeast							
			bound, C-130 assigned flight level one					•		
			niner zero, over.			•				
			Pilot: NASA 515, roger. Maintain flight level one							
			eight zero. We have traffic in sight.						. •	
			Begin 500 ft/min. rate of climb.						•	
2:25 <sup>±</sup> :10	35.6	18000	Level flight.						•	
			Set Altimeter 29.92.							
6:15 <sup>±</sup> :20	58.3	18000	Center: NASA 515, clear of traffic, climb and main-							
•			tain flight level two three zero. Report leaving flight level two one zero, over.							
			Trigite fever the one zero, over.							
			<u>Pilot</u> : NASA 515, roger. Maintain two three zero.  Report leaving two one zero.				• •	;	ı.	
5:45	63		(Hyd. System B Overheat) *							
			* Scenarios 1B and 2B only,					•		•

TIME	DIST.	ALT.	EVENT	COM1	COM2	COM3	COM4	NÁVI	NAV2	N/
	n.m.	ft.		_	-					
47:43 ± :05	67.3	21000	Pilot: Atlanta Center, NASA 515, leaving flight level		•					
•			two one zero, over.							
			Center: NASA 515, roger. Climb and maintain flight					٠	•	
			level three one zero. Contact center on one three							
			three point seven, over.							
			Pilot: 515, roger, maintain flight level three one							
			zero, center on one three three point seven.							
•			Tune Atlanta Center, Spartanburg High Sector.				133.7			
			•							
			Select Atlanta Center - Spartanburg High Sector.							
48:57 <sup>±</sup> :15	75.3	23400	Begin Mach 0.65 speed schedule.							
			Pilot: Atlanta Center, this is NASA 515 leaving		•					
			flight level two three zero for flight level two							
			niner zero, over.							
i								.,		,,
			Center: NASA 515, Atlanta center roger, squawk ident.							
•			Report leaving flight level two eight zero, over.							

•

			,						-	
TIME	DIST.	ALT.	EVENT	СОМІ	COM2	COM3	C0M4	NAV1	NAV2	NAV3
	n.m.	ft.	<u>Pilot</u> : NASA 515, roger. Report flight level two eight zero.				,			
51:18 ± :10	90.4	28000	<u>Pilot</u> : Atlanta center, NASA 515 leaving flight level two eight zero, over.							
			Center: NASA 515, roger. Climb and maintain flight level two niner zero, over.	·						;
			Pilot: 515, roger, maintain flight level two niner zero.							
			Begin 500 ft/min. rate of climb.							
			Tune Spartanburg VOR						115.7	
			Monitor Spartanburg VOR							
52:18 <sup>±</sup> :10	96.8	29000	Level flight, accelerate to Long Range Cruise for this altitude.							
52:33 ± :05	98.6	29000	At Long Range Cruise (.67 Mach). Set thrust.							
			Tune Gordonsville VOR frequency					115.6		
1:00:31 ± :20	151.3	29000	Cross Spartanburg VOR				•			
			Begin left turn to 047 heading ( $10^{\circ}$ turn - $5^{\circ}$ bank).	·						
1:01:12 ± :05	155.9	29000	Turn complete.							

TIME	DIST.	ALT.	EVENT	COM1	COM2	COM3	COM4	NAV1	NAV2	NAV3
	n.m.	ft.	<u>Pilot</u> : NASA 515, roger. Maintain flight level three three zero, center one three four point five five.							
			Tune Atlanta Center - High Rock Ultra High Sector			134.55				
			Select Atlanta Center - High Rock Sector							
			<u>Pilot</u> : Atlanta Center, NASA 515 leaving flight level two niner zero for flight level three three zero, over.	٠						
			<pre>Center: NASA 515, Atlanta center roger. Squawk ident. Key ident. Center: NASA 515, Report level at flight level three three zero, over.</pre>							
			Pilot: 515, roger.							
1:03:17 <sup>±</sup> :10	169.3	32000	Reach 32000 feet. Begin 500 ft/min. rate of climb.							
1:04:17 ± :05	175.8	33000	Reach en route altitude. Begin acceleration to long range cruise speed.			¥ .				
			<u>Pilot</u> : Atlanta center, this is NASA 515 level at flight level three three zero, over.							

TIME	DIST.	ALT.	EVENT	COM1	COM2	COM3	COM4	NAV1	NAV2	NAV3
	n.m.	ft.	Contain NACA 515 magain							
			Center: NASA 515, roger.	٠						
1:04:45 ± :05	178.5		(Hyd. Sys. B Low Press.)*		•					
1:05:00 ± :05	180.3	33000	Reach long range cruise (.71 Mach) Set thrust.							:
1:06:13	190.0		(Oil Filter Bypass)*							
1:08:28	215.0		(No. 2 Gen. Drive CSD Lo Oil Press.)*							
1:10:47 ± :30	220.0	33000	Pilot requests return to Atlanta.							
			Controller coordinates with adjoining sector for							
			return vectors.							ı
1:13:05 ± :10	235.0	33000	Center: NASA 515, for vector to intercept Lanier six							•
			arrival, Pulaski transition turn left heading two							
			seven zero. Contact Atlanta center on one three five							r
			point three five, over.							
			Pilot: 515, roger. Left heading two seven zero,							•
			center one three five point three five.							-
			content one office times three five.							
•			Begin turn to 270° heading (137° turn - 15° bank).							
			Tune Atlanta Center - Badin Ultra High Sector.				135.35			
			Select Atlanta Center - Badin Sector							
			Tune Pulaski VOR frequency.					115.9		
			Monitor Pulaski VOR.							

<sup>\*</sup> Scenarios 1B and 2B Only.

TIME	DIST.	ALT.	EVENT	COM1	COM2	COM3	COM4	NAV1	NAV2	NAV3
	n.m.	ft.								
			Pilot: Atlanta center, this is NASA 515 level at	•						
			flight level three three zero turning two seven zero					. •		
			heading, over.							
			Center: NASA 515, roger. Squawk ident.							
			Key ident.							
1.16.00 + 00	254.0	22222	Center: "NASA 515, Radar contact"			,				
1:16:08 ± :20	254.8	33000	Turn complete.							
1:17:40 ± :10	264.8	33000	Center: NASA 515, descend and maintain flight level							
			three one zero. Contact center on one three two							
			point seven five, over.							
•			Pilot: NASA 515, roger, maintain flight level three							
			one zero, center one three two point seven five.							
			Begin descent. Set thrust to flight idle.							
			Tune Atlanta Center - Pulaski High Sector			132.75				
	. ,		Select Atlanta Center - Pulaski Sector						1	
	•		Pilot: Atlanta Center, NASA 515 leaving flight level							
			three three zero for flight level three one zero, over.							
			<u>Center</u> : NASA 515, Atlanta Center roger, Squawk ident. Key ident.							
			Center: "NASA 515, Radar contact"							or comment
1:20:11 ± :15	280.8	31000	Level at 31000 feet.	~			*	•	. •	<b>v</b> +.*
			Set thrust.							

•

•

							•			
TIME	DIST.	ALT.	EVENT	COM1	COM2	COM3	COM4	NAV1	NAV2	NAV3
	n.m.	ft.								
1:21:03 ±:05	286.4	31000	Center: NASA 515, for vector to intercept Pulaski two							
			two five radial, turn left heading two four zero,							
			cleared to the Atlanta International Airport via the							
			Lanier six arrival, Pulaski transition, over.							
			Pilot: 515, roger. Left heading two four zero for							
			Pulaski two two five radial, Lanier six arrival.							
			, , , , , , , , , , , , , , , , , , , ,							
			Monitor Pulaski VOR.							
٠			Begin turn to 240° heading (30° turn - 15° bank)							
:21:42 ± :05	290.6	31000	Turn complete.							
:23:40 ± :10	303.4	31000	Begin turn to Pulaski 225 radial.							-
:24:01 ± :05	305.6	31000	Turn complete. (15° turn - 15° bank).				•			
			Tune Toccoa - VOR frequency.						109.8	
:25:52 ± :10	317.6	31000	Center: NASA 515, contact center on one three two							
			point eight, over.							
			Pilot: NASA 515, roger. One three two point eight.							
			- A.A.							·
•			Tune Atlanta Center - Lanier High Sector				132.8			

. . .

							,			
TIME .	DIST.	ALT.	EVENT	COM1	COM2	сомз	COM4	NAVI	NAV2	NAV3
	n.m.	ft.	Select Atlanta Center - Lanier Sector			<del></del>				
			<u>Pilot</u> : Atlanta Center, NASA 515 level at flight level three one zero, over.			. ,				
			Center: NASA 515, Atlanta Center, roger. Squawk ident. Key ident.			•				
1:28:52 ± :10	337.6	31000	<u>Center</u> : "NASA 515, Radar contact" <u>Center</u> : Descend and maintain flight level two four  zero. Report leaving flight level two six zero, over.	·•						
			<u>Pilot</u> : 515, roger. Maintain flight level two four zero. Report flight level two six zero.							
:35:46 <sup>±</sup> :30	383.6	26000	Begin .75 Mach/280 KIAS descent. Set thrust at flight id Reach 26000 feet.	le.						
*.			<u>Pilot</u> : Atlanta Center, NASA 515 leaving flight level two six zero, over.							
							:			;
			<u>Center</u> : NASA 515, descend and maintain one one thousand, contact center on one two five point two, over.							

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TIME	DIST.	ALT.	EVENT	COM1	COM2	COM3	COM4	NAV1	NAV2
<del></del>	n.m.	ft.						<del></del>	
			<u>Pilot</u> : NASA 515, roger, maintain one one thousand, center one two five point two.						
			Tune Atlanta Center - Norcross low sector.			125.2			
,			Select Atlanta Center - Norcross sector.				•		
			Pilot: Atlanta Center, NASA 515 leaving flight level						
			two five zero for one one thousand, over.						
			Center: NASA 515, Atlanta Center, roger. Squawk						
			ident. Altimeter two niner point eight eight.						
1:40:34 ± :20	411.6	16500	Cross Toccoa VOR, set altimeter.						
			Tune Norcross VOR frequency.					116.6	
			Center: NASA 515, Maintain one five thousand,						
			clearance limit is now Lanier intersection. Hold						
			northwest of fix on Norcross zero four one radial,						
			one and a half minute right turns, expect further				•		
			clearance at one seven one five, over.						
			Pilot: 515, roger. Maintain one five thousand,						
			hold northwest of Lanier intersection, right turns.	•	*.				•

TIME	DIST.	ALT.	EVENT	COM1	COM2	COM3	COM4	NAV1	NAV2	NAV3
	n.m.	ft.								;
:40:49 ± :05	413.1	16000	Reach 16000 feet, begin 500 ft/min. rate of descent.	•						•
:41:49 ± :05	419,0	15000	Reach 15000 feet, begin deceleration to 210 KIAS.							
			Tune Chattanooga VOR frequency.							115.8
:42:58 ± :10	424.7	15000	Reach 210 KIAS. Set thrust.							
:46:50 ± :20	441.6	15000	Enter holding pattern, begin right turn (180 <sup>0</sup> turn - 25 <sup>0</sup> bank).							
:48:18 <sup>±</sup> :15	447.7	15000	Complete turn. Heading O41.							
:49:48 ± :05	453.9	15000	Complete outbound leg.							
			Begin right turn (180 <sup>0</sup> turn - 25 <sup>0</sup> bank)			-				
:51:16 ± :05	460.0	15000	Turn complete.							
:52:01 ± :05	463.1	15000	<u>Center</u> : NASA 515, cleared to the Atlanta International Airport via last routing cleared, increase speed to two three zero knots, descend and maintain one one thousand, expect an ILS runway zero eight approach at Atlanta, over.							
٠			<u>Pilot</u> : 515, roger. Increase speed two three zero, maintain one one thousand.						. *	

Begin descent. Set thrust at flight idle.

TIME	DIST.	ALT.	EVENT	COM1	COM2	COM3	COM4	NAV1	NAV2	NAV3
	n.m.	ft.								,
1:57:09 ± :05	486.1	11000	Reach 11000 feet at 230 KIAS.							
1:57:24 ± :05	487.2	.11000	<u>Center</u> : NASA 515, contact approach control on one two , six point niner, over.							
			<u>Pilot</u> : NASA 515, roger, approach on one two six point niner.					,		
	•		Tune Atlanta Approach control.				126.9			•
			Tune Arrival ATIS.		123.7					.•
			Select Arrival ATIS: Information Lima; one seven zero five observation, two five hundred scattered ceiling four thousand broken, visibility one six, temperature five niner, wind one one zero degrees at ten gusting to one seven, altimeter two niner eight four, simultaneous parallel approaches in operation on runways zero eight and niner right. Advise controller on initial contact you have information Lima.  Set altimeter to 29.84, select approach control frequency	·.						
			<u>Pilot</u> : Atlanta Approach control, this is NASA 515, level one one thousand with information Lima, over. <u>Approach</u> : NASA 515, roger, squawk ident.  Key ident.						·	

TIME	DIST.	ALT.	EVENT	COM1	COM2	COM3	COM4	NAV1	NAV2	NAV3
	n.m.	ft.								
1:59:55 <sup>±</sup> :10	497.2	11000	Approach: NASA 515, Turn left heading two one zero, reduce speed to two zero zero knots, over.							
			<u>Pilot</u> : 515, roger, left heading two one zero. slow to two zero zero.							
			Cross Norcross VOR, begin turn (10° turn, 10° bank).							,
-			Begin speed reduction to 200 knots. Adjust thrust.							
2:00:05 + :02	497.9	11000	Reach 210 KIAS							
2:00:09 ± :05	498.2	11000	Turn complete, set 1 <sup>0</sup> flap.							
			Tune Runway 08 ILS - IATL					109.9		
			Tune REG VOR						111.8	
2:00:15 ± :02	498.6	11000	Reach 200 KIAS. Set thrust.							•
2:01:31 ± :05	503.6	11000	Approach: NASA 515, reduce speed to one niner zero knots, over.		,			٠.		

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										,
										•
					•					
				2011	0040	6043	COM	NAVI	NAV2	NAV2
TIME	DIST.	ALT. ft.	. EVENT	COM1	COM2	COM3	COM4	MAAI	MMAS	NAV3
	n.m.	16.	Pilot: 515 roger, one niner zero knots.							. •
			Begin deceleration. Adjust thrust.							
2:01:41 ± :05	504.3	11000	Reach 190 KIAS, set flaps 50. Set thrust.							
2:02:45 ± :05	508.3	11000	Approach: NASA 515, contact approach control on one two seven point two five, over.							
			Pilot: 515 roger, one two seven point two five.							(
			Tune approach control frequency.			127.25				;
			Select frequency.							
			<u>Pilot</u> : Atlanta Approach Control, this is NASA 515 level one one thousand, over.							
,	·		Approach: NASA 515, Atlanta approach roger. Squawk ident.							
			Key ident.		•					
2:03:13 ± :05	510.1	11000	<u>Approach</u> : NASA 515, turn right, heading two seven zero, reduce speed to one seven zero knots, descend and				•			
			maintain four five hundred, over.		<b>-</b> .		•			

.

TIME	DIST.	ALT.	EVENT	COM1	COM2	COM3	COM4	NAV1	NAV2	NAV3
	n.m.	ft.								
	•		Pilot: 515 roger, left heading two seven zero, slow							
	•		to one seven zero, maintain four five hundred.							
			Begin turn to 270 heading.							
2:03:51 ± :05 2:04:00	512.4 513.0	11000	Turn complete, begin deceleration, Adjust thrust. (pilot incapacitation)*							
2:04:11 ± :05	513.6	11000	Reach 170 KIAS, set flaps 15 <sup>0</sup> .							
			Begin descent to 4500 feet. Set thrust at flight idle.							
2:07:49 ± :20	525.8	4500	Reach 4500 feet. Set thrust for level flight.							
2:08:29 ± :05	527.8	4500	Approach: NASA 515, reduce speed to one six zero knots,							
			over.							n.
			Pilot: 515 roger, one six zero knots.							
			Adjust thrust.							
2:08:39 ± :05	530.3	4500	Reach 160 KIAS. Set thrust.							•
2:10:39 ± :10	536.1	4500	Approach: NASA 515, turn left heading one eight zero,							
			over.							
			Pilot: 515 roger, left heading one eight zero.						*	
			Begin turn to 180 heading.							

<sup>\*</sup> Scenarios 1B and 2B Only.

TIME	DIST.	ALT.	EVENT	COMI	COM2	COM3	CQM4	TVAN	NAV2	NAV3
	n.m.	ft.							-	· ·
2:11:33 ± :05	538.7	4500	Turn complete.		•					
			Approach: NASA 515, you are fourteen miles from the				·			
		•	outer marker, turn left heading one two zero for vector							
			to intercept final approach course. You are cleared							
			for an ILS runway zero eight approach. Contact tower							
			at the outer marker on one one niner point five, over.							
			Pilot: 515 roger, left heading one two zero, ILS runway							
			zero eight approach, tower at outer marker on one one							;
			niner point five.							
			Begin turn to 120° heading.			٠	119.5			
•			Tune Atlanta Tower frequency.							
2:12:40 ± :05	542.5	4500	Turn complete.							
2:13:31 ± :05	544.5	4500	Begin turn to $90^{\circ}$ heading (final approach heading).			,				
			Capture ILS localizer.							
2:13:50 ± :05	545.4	4500	Turn complete.							
2:14:52 ± :05	548.4	4500	Approach: NASA 515, reduce speed to one five zero knots	•						
			over.							

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TIME	DIST.	ALT.	EVENT .	COM1	COM2	COM3	COM4	NAV1	NAV2	NAV3
	n.m.	ft.	Pilot: 515 roger, one five zero knots.							
		•	Adjust thrust.	•						
15:02 ± :05	548.9	4500	Reach 150 KIAS. Acquire glide slope, Set thrust.							
			Set flaps 25°.							
			Approach: NASA 515, maintain current speed until crossing Stubbs, over.							
			Pilot: 515 roger.							
15:30 ± :05	550.2	3600	Cross Stubbs, begin speed reduction to 135 KIAS, set landing flaps 40°. Adjust thrust.						:	
16:41 ± :05	553.3	2665	Cross Outer Marker, gear down.							•
			Select Tower frequency.							
			Pilot: Atlanta Tower, this is NASA 515 over lakeside inbound for runway zero eight, over.							
			inbound for runway zero eight, over.							
		•	<u>Tower:</u> NASA 515, Atlanta Tower, roger. Cleared to land runway zero eight. Wind one one zero degrees at							
			zero niner.							•
			Pilot: 515 roger.							
									•	,

TIME	DIST.	ALT.	EVENT	COM1	COM2	COM3	COM4	NAV1	NAV2	NAV3	
2:17:52	n.m.	ft.	Pass through 1500 feet.								
2:18:11 <sup>±</sup> :10	558.0	1213	Cross Middle Marker, speed 130 KIAS.	,							
2:18:26 ± :02	558.5	1050	Cross end of runway.								
2:18:36 ± :02	558.8	1000	Touchdown, thrust reversers.								
2:19:01 ± :02			Thrust reversers off.								
2:19:11 ± :02	·		Speed brakes retract.		•						
			Tower: NASA-515, exit runway next intersection, contact							:	
			ground point niner when clear of runway, over.				٠			-,	
			Pilot: 515 roger, point niner when clear.								
			Tune Ground Control.			121.9					
	·		Select ground frequency.				٠.		•	• •	
			<pre>Pilot: Atlanta ground, this is NASA 515, taxi to gate X, over.</pre>								
			Ground: NASA 515, Atlanta Ground, taxi to ramp via northeast-southwest taxiway, over.					•			

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TIME	DIST.		EVENT	COM1	COM2	COM3	COM4	NAV1	NAV2	NAV3
	n.m.	ft.								
			Pilot: 515 roger.							
			Taxi straight ahead.							•
2:20:51 ± :10			Turn left 90 <sup>0</sup> to taxiway D							
.,0			Total Terror Service Services							1
2:22:08			Turn onto ramp.							ŕ
2:22:30			Taxi to gate.							
2:23:40			Arrive at gate, shut down engines.							

APPENDIX TWO
SCENARIOS 2A AND 2B

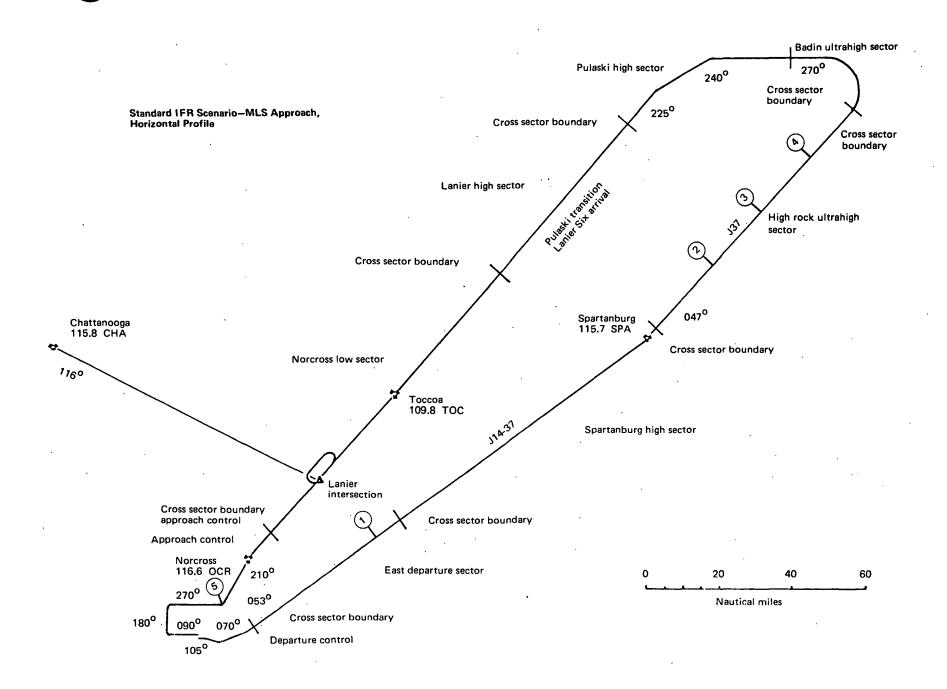
## **SCENARIOS 2A AND 2B\***

IFR flight.—Hartsfield Atlanta International Airport to Washington National Airport with unscheduled return to Atlanta.

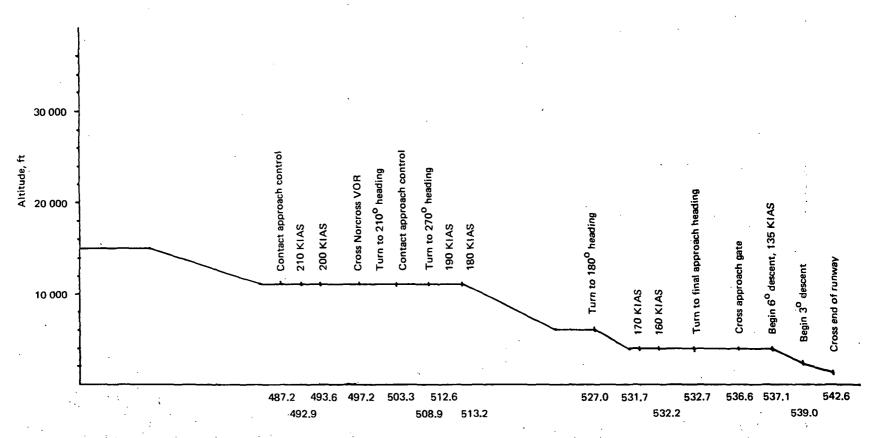
MLS approach to Hartsfield Atlanta International Airport.

(Note: Scenario 2 is identical to scenario 1 through T = 1:58:20)

<sup>\*</sup>Scenario 2B is identical to 2A except for the addition of malfunction events.







Distance, nmi

TIME	DIST.	ALT.	EVENT	COM1	COM2	COM3	COM4	NAV 1	NAV2	NAV3
min:sec	n.m.	ft.								
1:58:25 <sup>±</sup> :05	492.2	11000	Approach: NASA 515, reduce speed to two zero zero							
			knots, over.	•						
			Pilot: 515, roger. Slow to two zero zero.							
			Adjust thrust.							÷
1:58:35 ± :05	492.9	11000	Reach 210 KIAS, set 1 <sup>0</sup> flaps.							
1:58:45, ± :02	493.6	11000	Reach 200 KIAS.							
1:59:35 ± :05	497.2	11000	Cross Norcross VOR.							
			Approach: NASA 515, turn left heading two one zero, over.		·					
•			Pilot: 515 roger. Left heading two one zero.							
			Begin turn to 210 <sup>0</sup> heading.							
1:59:45 ± :02	497.7	11000	Complete turn, tune MLS.					X	X	X
2:00:10 ± :10	503.3	11000	Approach: NASA 515, contact approach control on one two seven point two five, over.							
			Pilot: 515 roger, one two seven point two five.							

TIME	DIST.	ALT.	EVENT	COM1	COM2	COM3	COM4	NAV 1	NAV2	NAV3
	n.m.	ft.					,			
			Tune Approach Control frequency.			127.25				
•			Pilot: Atlanta Approach Control, NASA 515 level one							
			one thousand, over,				}-			
			Approach: NASA 515, Atlanta Approach roger. Squawk ident.							
2:01:35 <sup>±</sup> :20	508.9	11000	Key ident.  Approach: NASA 515, turn right heading two seven zero,							
2.01.3320	300.9	11000	reduce speed to one eight zero, descend and maintain							
			six thousand, over.							
			Pilot: 515 roger, right heading two seven zero, slow to							
			one eight zero, maintain six thousand.							
			Begin turn.							
2:02:50 ± :05	512.0	11000	Complete turn.							
			Begin deceleration. Adjust thrust.							
2:03:00 ± :02	512.6	11000	Reach 190 KIAS, set flaps 50.							
2:03:10 ± :02	513.2	11000	Reach 180 KIAS.							,
			Begin descent to 6000 feet. Set thrust to flight idle.							

TIME	DIST.	ALT	EVENT	СОМ1	COM2	COM3	COM4	NAV1	NAV2	NAV3
	n.m.	ft.								
2:06:30 ± :05	522.0	6000	Reach 6000 feet. Set thrust.	•						
2:07:00 ± :05	525.5	6000	MLS acquisition.							
2:08:00 ± :10	527.0	6000	<u>Approach</u> : NASA 515, turn left heading one eight zero, descend and maintain three six hundred, over,							
			<u>Pilot</u> : 515 roger, left heading one eight zero, maintain three six hundred.  Begin descent, begin turn to 180 <sup>0</sup> heading. Set thrust to flight idle.							
2:09:00 ± :05	530.1	4200	Complete turn.							
2:09:20 ± :05	531.2	3600	Reach 3600 feet. Set thrust.							
			Approach: NASA 515, reduce speed to one six zero knots, over.					·		
			Pilot: NASA 515 roger. Slow to one six zero.			og.				
			Begin deceleration. Adjust thrust.							
2:09:30 ±:05	531.7	3600	Reach 170 KIAS, set flaps 15°.			•	•			•

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TIME	DIST.	ALT.	EVENT	COM1	COM2	COM3	COM4	NAVI	NAV2	NAV3
	n.m.	ft.								
2:09:40 ± :05	532.2	3600	Reach 160 KIAS.	•						
			Approach: NASA 515, you are six miles from the approach							
			gate. You are cleared for an MLS runway zero eight							
			approach. Contact Atlanta Tower after crossing gate							
			on one one niner point five, over.							
			Pilot: 515 roger, MLS runway zero eight approach, tower							
			after gate on one one niner point five.							
			Tune Atlanta Tower.		•		119.5			
2:09:50 ± :02	532.7	3600	Begin runway centerline acquisition turn (160 KIAS, $15^{ m 0}$ bank, $90^{ m 0}$ turn).							
2:10:40 ± :02	535.1	3600	Complete turn.							
			Approach: NASA 515, maintain current speed until							
	•		crossing approach gate.							
•			Pilot: 515 roger.							
2:11:10 ± :10	536.6	3600	Cross Approach Gate.			•				

TIME	DIST.	ALT.	EVENT	COM1	COM2	COM3	COM4	NAVI	NAV2	NAV3
	n.m.	ft.								•
			Begin deceleration to Approach speed. Adjust thrust.							
			Select Tower frequency.			•				
			Pilot: Atlanta Tower, this is NASA 515, over approach							
			gate inbound for runway zero eight, over.							
			Tower: NASA 515, Atlanta Tower roger. Cleared to							
			land runway zero eight. Wind one one zero at zero niner	•						
2:11:20 ± :05	537.1	3600	Begin 6 <sup>0</sup> first segment MLS approach. Adjust thrust. Gear down.							
2:11:40 ± :15	537.9	3088	Reach 135 KIAS Flaps 40.							
2:12:10 ± :05	539.0	2180	Checklist. Begin transition to $3^{\rm O}$ second segment. Adjust thrust,							
2:12:15 ± :07 2:13:06	539.2	2080 1500	Complete transition, speed 130 KIAS. 500 feet above runway							
2:13:32		1200	Decision height							
2:13:45 ± :05	542.6	1050	Cross end of runway.							
2:13:55 ± :02	542.9	1000	Touchdown, set speed brakes, thrust reversers.							
2:14:15 ± :05			Thrust reversers off	· · ·						

•

TIME	DIST.	ALT.	EVENT	COM1	COM2	COM3 COM4	NAV 1	NAV2	NAV3
	n.m.	ft.	<u>Tower:</u> NASA 515, exit runway next intersection, contact ground point niner when clear of runway, over.						
			<u>Pilot</u> : 515 roger, point niner when clear						
			Tune Ground Control.			121.9			
2:14:30 <sup>±</sup> :02			Select ground frequency.						
			<u>Pilot</u> : Atlanta Ground, this is NASA 515, taxi to gate X, over.						
			Ground: NASA 515, Atlanta Ground, roger. Taxi to ramp via northeast-southwest taxiway, over.						
			Pilot: 515 roger.						
			Continue taxi straight ahead.						
2:15:10 ± :10			Turn left 90° to ramp.						
2:16:05 ± :10			Arrive at gate, shut down engines.						

## APPENDIX THREE SCENARIOS 3A AND 3B

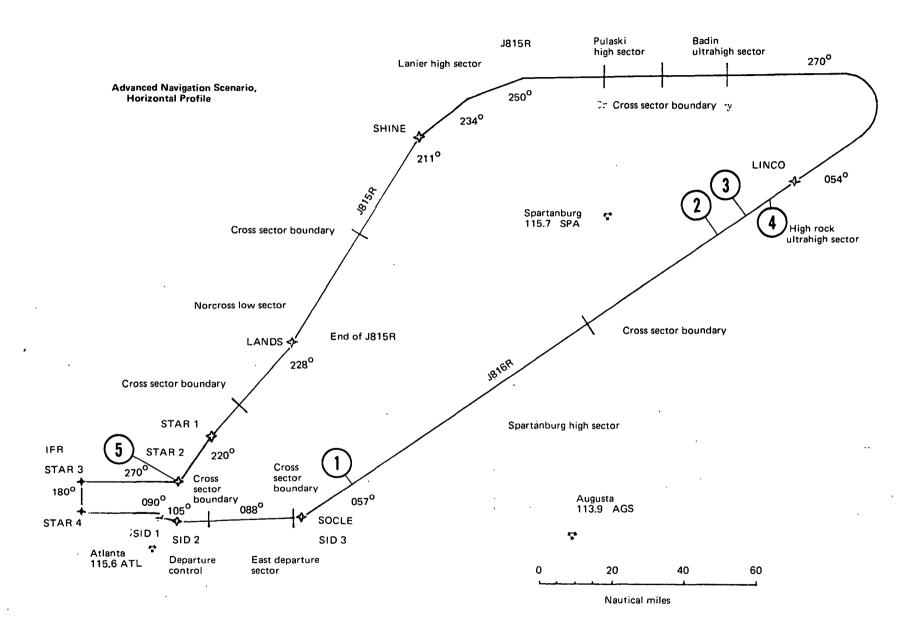
## SCENARIOS 3A AND 3B\*

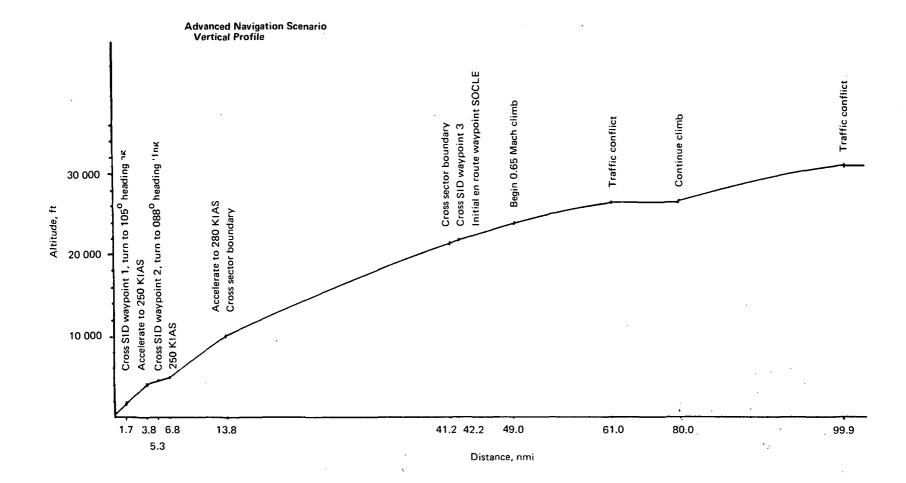
IFR flight —Hartsfield Atlanta International Airport to Washington National Airport with unscheduled return to Atlanta.

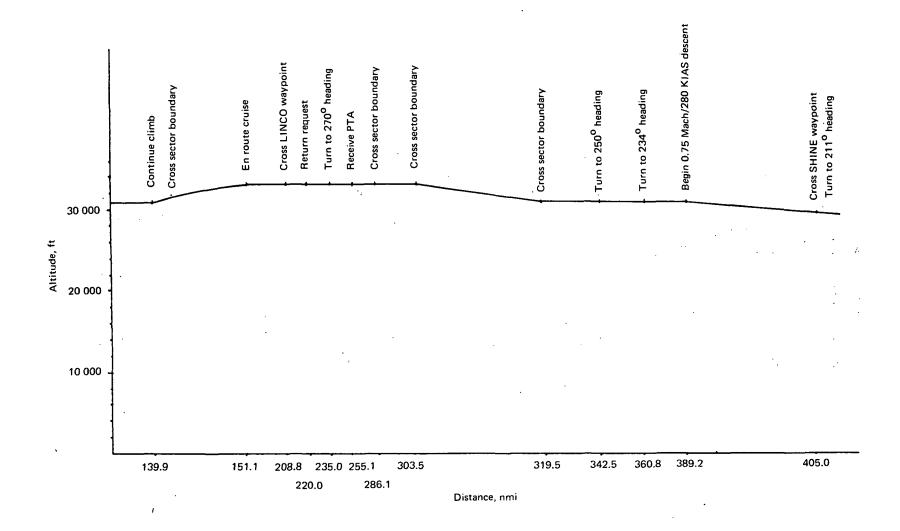
Advanced navigation concept.

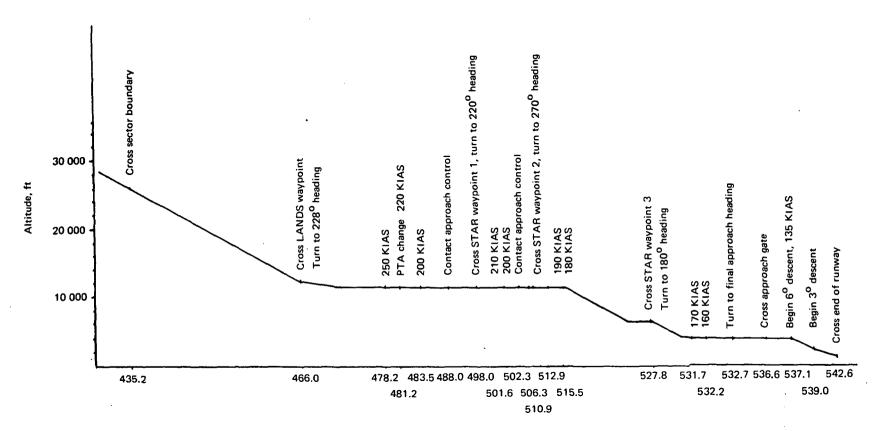
ILS approach and landing procedures.

<sup>\*</sup>Scenario 3B is identical to 3A except for the addition of malfunction events.









Distance, nmi

TIME	DIST.	ALT.	EVENT	COM1	· COM2	COM3	COM4	NAV1	NAV2	ŅAV3
	n.m.	ft.	-							
			Tune Clearance Delivery	121.65						
			Tune Ground Control	·	121.9					
			Tune Atlanta Tower			119.5				
			Tune Departure ATIS				111.0			
			Select Clearance Delivery.							
			Pilot: Atlanta Clearance Delivery, this is NASA 515 at							
			gate X, IFR to Washington National (call up initiated							
			not more than ten minutes before ready to taxi).							
			Clearance Delivery: ATC clears NASA 515 as filed.							
			Socle 9L departure, route J816R Jason 1 star, climb and							
			maintain flight level three three zero, contact Atlanta							
			departure on one two five point seven, squawk two two							
			one three, over.							
			Pilot: NASA 515, roger, cleared as filed, Socle 9L							
			departure, route J816R, Jason one star, climb and							
			maintain flight level three three zero, departure on							
			one two five point seven, squawk two two one three, over.			•				

TIME	DIST.	ALT.	EVENT	COM1	COM2	COM3	COM4	NAV1	NAV2	NAV3
,	n.m.	ft.								
			Clearance Delivery: NASA 515, clearance correct, contact	t '						
			ground control on one two one point niner when ready to							
			taxi.							
			Pilot: roger.							
			Set transponder code.							
			Select Departure ATIS: Information KILO; one six one							
			zero observation, three thousand scattered, ceiling							
			five thousand broken, visibility two three, temperature							
			five niner, wind one one five degrees at seven gusting							
			to one six, altimeter two niner eight six, landings							
			runways zero eight, niner right, departures runways							
			zero eight, niner left. Noise abatement procedures are							
			in effect. Advise controller on initial contact you							
			have information Kilo.							
			Set Altimeter 29.86							
			Tune Atlanta VOR					115.6	115.6	
			Tune Augusta VOR						•	113.9
			Tune Departure Control.	•	•		125.7		•	

TIME	DIST.	ALT.	· EVENT	сом1	COM2	COM3	COM4	NAV1	NAV2	NAV3
	n.m.	ft.		<u>-</u>				-		
			Select Ground Control.							
			Pilot: Atlanta ground, this is NASA 515 at gate X,		•					
			request permission to pushback. We have information							,
			Kilo, over.							
			Ground: NASA 515, ATlanta Ground, roger, clear to							
			pushback. Advise when ready to taxi, over.							
			Pilot: NASA 515, roger.							
			Pushback - approximately 60-120 seconds.							
			Engine Start - estimate 30-60 seconds in addition to							
			pushback time.							
			Pilot: Atlanta Ground, NASA 515, ready to taxi.							
			Ground: NASA 515, taxi to runway niner left via							
			northeast-southwest taxiway. Hold short of runway							
			zero eight, over.							
			Pilot: NASA 515, roger. Taxi runway niner left,							
			hold short runway zero eight.		.,					

TIME DIST. ALT. EVENT COM1 COM2 COM3 COM4 NAV1 NAV2 NAV3

Set takeoff flaps 50.

ft.

n.m.

Taxiing to runway 9L will involve straight apron segment of 1125 feet, right turn  $(90^{\circ})$  to 2000 feet segment of northeast-southwest taxiway. This takes aircraft to holding position for crossing runway 08 and should require 2 to 3 minutes taxi time. Holding at runway 08 could involve a departing or arriving aircraft using runway 08 which would require approximately 40 seconds to 90 seconds of wait time. Once cleared across runway 08:

Ground: NASA 515, cross runway zero eight, over.

Pilot: NASA 515 roger.

Taxiing will involve crossing congest 'X' intersection in middle of field. This intersection would be reached in 40 to 60 seconds after runway crossing. Possible traffic conflict could result here.

<u>Ground</u>: NASA 515, hold short of next intersection, cleared behind Eastern trijet, over.

Pilot: NASA 515 roger.

TIME	DIST.	ALT.	EVENT	COM1	COM2	COM3	COM4	NAV1	NAV2	NAV3
	n.m.	ft.	Once past intersection (90-120 seconds) ground control will contact aircraft:							
			<u>Ground</u> : NASA 515, contact Atlanta Tower on one one niner point five, over.							
			Pilot: NASA 515 roger, one one niner point five.							
			Select Atlanta Tower				,			
			(60 <sup>0</sup> right turn must be executed at end of northeast-southwest taxiway onto parallel taxiway.)							
			In approximately 60 seconds:							
			<u>Pilot</u> : Atlanta Tower, this is NASA 515 ready for takeoff, runway niner left, over.							
			Tower: NASA 515, tax1 into position and hold, over.							
			Pilot: NASA 515 roger.							
			Within approximately 60 to 90 seconds.							

TIME	DIST.	ALT.	EVENT	COM1	COM2	COM3	COM4	NAV 1	NAV2	NAV3
	n.m.	ft.								
			Tower: NASA 515, cleared for immediate takeoff.	·						
			Pilot: 515, rolling.							
36:00	0	1000	Apply takeoff thrust.							
36:32 ± :05	0.6	1000	Rotation.							
36:37 ± :02	0.8	1035	Flare to 35 feet, speed: 145 knots, distance 5000 feet.							
36:42 ± :05	1.1	1250	Retract gear.							
			<u>Tower</u> : NASA 515, contact Atlanta Departure on one two five point seven, good-day.							
			Pilot: NASA 515 roger, good-day.							
		•	Select Atlanta Departure frequency.							
			Pilot: Atlanta Departure, this is NASA 515, over.							
			<u>Departure</u> : NASA 515, Atlanta departure, roger. Squawk ident.							
			Key ident.							
			Departure: NASA 515, radar contact, Say Altitude, over	•						

TIME	DIST.	ALT.	EVENT	COM1	COM2	COM3	COM4	NAV1	NAV2	NAV3
	n.m.	ft.					,		_	
•			<u>Pilot</u> : NASA 515, leaving one eight hundred.	٠						
37:00 ± :05	1.7	1975	Cross (SID) Waypoint O1, turn to 105 <sup>0</sup> heading. (15 <sup>0</sup> turn - 15 <sup>0</sup> bank)							
37:07 ± :02	2.0	2300	On 105 <sup>0</sup> heading.							
37:15 ± :02	2.3	2500	Retract flaps to $1^{\circ}$ detent, maintain $V_2$ + 15, set climb thrust.							
37:53 ± :02	3.8	4000	Begin acceleration to 250 KIAS. Maintain 500-1000 ft/min. rate of climb.							
38:13 ± :05	5.0	4255	Select flaps 0°. Speed 190 KIAS.							
38:18 ± :02	5.3	4320	Cross (SID) Waypoint 02; turn left to 0880 heading.							
38:24 ± :02	5.7	4400	(17 <sup>0</sup> turn - 25 <sup>0</sup> bank) Turn complete.							
38:42 ± :02	6.8	4625	Reach 250 KIAS.							
40:35 ± :10	13.8	10000	Begin acceleration to 280 KIAS, continue climb.							
			<u>Departure</u> : NASA 515, contact Atlanta center on one two three point niner five, over.							
			Pilot: 515 roger, one two three point niner five.							

TIME	DIST.	ALT	EVENT	. COM1	COM2	COM3	C0M4	NAV I	NAV2	NAV3
	n.m.	ft.				100.05				
			Tune Atlanta Center, East departure sector	•		123.95				
			Select Atlanta Center frequency.							
			Pilot: Atlanta Center, this is NASA 515 out of eleven							
			thousand for flight level three three zero, over.							
•			Center: NASA 515, Atlanta Center roger. Squawk ident.							
			Key ident.							
			<u>Center</u> : NASA 515, radar contact, report leaving flight							
			level two one zero, over.							
			Pilot: NASA 515, roger. Report flight level two one							
			zero.							
			Tune Company frequency	ARINC						
			Tune Emergency frequency		121.5					
43:51 ± :1	0 33.7	18000	Set Altimeter 29.92							
45:05 ± :1	0 41.2	21000	<u>Pilot</u> : Atlanta Center, NASA 515 leaving flight level tw	10						
			one zero, over.							

TIME	DIST.	ALT.	EVENT	COM1	COM2	сомз	COM4	NAV1	NAV2	NAV3
45:15 <sup>‡</sup> :02	n.m.	21400	Center: NASA 515 roger, contact center on one three three point seven, over.  Pilot: 515 roger, one three three point seven.  Tune Atlanta Center, Spartanburg High Sector.  Select Spartanburg High Frequency.  Cross (SID) Waypoint 03 and initial en route waypoint (SOCLE), begin turn to J816R airway. Tune Spartanburg VO (31° turn - 15° bank).  Pilot: Atlanta Center, this is NASA 515 leaving flight level two one zero for flight level three three zero, over.  Center: NASA 515, Atlanta Center, roger. Squawk ident. Report leaving flight level two eight zero, over.  Pilot: NASA 515, roger. Report flight level two	R.			133.7 133.7	115.7		
			eight zero.		,					٠
45:57 ± :05 46:17 ± :05	46.8 49.0	22750 23400	Turn complete.  Begin Mach 0.65 climb.							

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TIME	DIST.	ALT.	EVENT .	COM1	COM2	COM3	COM4	NAVI	NAV2	NAV 3
	n.m.	ft.								
			Center: NASA 515 maintain flight level two six zero.							
			Traffic twelve o'clock, four miles, northeast bound,							
			C-130 assigned flight level two seven zero. over.							
			<u>Pilot</u> : 515 roger. Maintain flight level two six zero. We have traffic in sight.							
47:07 ± :05	54.5	25000	Begin 500 ft/min. rate of climb.							
48:07 ± :05	61.0	26000	Level flight, set thrust.							
51:03 ± :20	80.0	26000	Center: NASA 515, clear of traffic, climb and maintain							
			flight level three three zero. Report leaving two							
			eight zero, over.							
			Pilot: 515 roger, maintain three three zero, report							
			leaving two eight zero.							
			Set climb thrust.	-						
52:06 ± :05	86.8	28000	<u>Pilot</u> : Atlanta Center, NASA 515 leaving flight level two eight zero, over.							

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۲	TIME	DIST.	ALT.	EVENT	COM1	COM2	COM3	COM4	NAV 1	NAV2	NAV3
-		n.m.	ft.								
				Center: NASA 515 climb and maintain flight level three							
				one zero, over.							
				Pilot: 515 roger, maintain flight level three one zero.							
	53:09 ± :05	93.5	30000	Begin 500 ft/min. rate of climb.							
	54:09 - :05	99.9	31000-	Level flight, accelerate to long range cruise (.67 Mach).							
	54:24 ± :05	101.7	31000	Attain long range cruise. Set thrust.							
	58:14 ± :20	126.8	31000	Tune Spartanburg VOR.						115.7	
				Center: NASA 515, climb and maintain flight level three							
				three zero. Contact center on one three four point							
				five five, over.							
				Pilot: NASA 515 roger. Maintain flight level three							
				three zero, center one three four point five five.							
				Tune Atlanta Center - High Rock Ultra High Sector.			134.55				
			·	Select Atlanta Center frequency.							

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TIME	DIST.	ALT.	EVENT	COM1	COM2	COM3	COM4	NAVI	NAV2	NAV3
	n.m.	ft.	<u>Pilot</u> : Atlanta Center, NASA 515 leaving flight level three one zero for flight level three three zero, over.							
			Center: NASA 515, Atlanta Center roger. Squawk ident.  Key ident. Center: NASA 515, Report level flight level three three zero, over.							
•			Pilot: 515 roger.							
1:00:57 ± :05	144.6	32000	Begin 500 ft/min. rate of climb.							
1:01:57 ± :05	151.1	33000	En route, accelerate to long range cruise.							
			<u>Pilot</u> : Atlanta Center, HASA 515 level at flight level three three zero, over.							
,			Center: GASA 515, roger.							
1:02:40 ± :05	155.6	33000	Reach long range cruise. Set thrust.							
1:10:25 ± .40	208.8	33000	Cross LINCO Waypoint							
1:12:25 ± :20	220.0	33000	Pilot requests return to Atlanta.							

TIME	DIST.	ALT.	EVENT	СОМ	COM2	COM3	COM4	NAV1	NAV2	NAV3
	N.M.	FT.	Controller coordinates with adjoining sector for return vectors.							
1:14:12 <sup>±</sup> :10	235.0	33000	<u>Center:</u> NASA 515, for vectors to intercept Jay eight fifteen R, turn left heading two seven zero, over.							
			Pilot: 515 roger, left heading two seven zero.							
			Begin turn (134 <sup>0</sup> turn - 15 <sup>0</sup> bank).					,		
1:17:07 ± :20	255.1	33000	Turn complete.							
			<u>Center</u> : NASA 515, you are cleared to the Atlanta International Airport via Jay eight fifteen R and Shine oh on Star. Planned time of arrival at Lakeside is 10:21:	e		,	,	;		
1:21:37 ± :30	286.1	33000	<u>Center</u> : NASA 515, contact Center on one three five point three five, over.							
			<u>Pilot:</u> 515 roger, one three five point three five.							
			Tune Atlanta Center - Badin Ultra High Sector.	,			135.35			
			Select Atlanta Center frequency.		•		·			

TIME	DIST.	ALT.	EVENT	COMI	COM2	COM3	COM4	NAV1	NAV2	NAV3
	n.m.	ft.	Pilot: Atlanta Center, NASA 515 level flight level three three zero, over.							1/12
			Center: NASA 515 roger. Squawk ident.							
1:24:09 <sup>±</sup> :20	303.5	33000	Key ident.  Center: NASA 515, descend and maintain flight level three one zero. Contact center on one three two point seven five, over.							
			<u>Pilot</u> : NASA 515, roger. Maintain flight level three one zero, center one three two point seven five.							
			Set thrust to flight idle.							
			Tune Atlanta Center - Pulaski High Sector.			132.75				
			Select Atlanta Center frequency.							
			Pilot: Atlanta Center, NASA 515 leaving flight level three three zero for flight level three one zero, over.				•			
			' <u>Center</u> : NASA 515, Atlanta Center, roger. Squawk ident							
			Key ident.							
1:24:40 ± :05	319.5	31000	Reach FL310.							

TIME	DIST.	ALT.	EVENT	COM1	COM2	COM3	COM4	NAV1	NAV2	NAV3
	n.m.	ft.								
			Center: NASA 515, contact Atlanta center on one three							
			two point eight, over.							
			Pilot: 515 roger, one three two point eight.						•	
	·		Tune Atlanta Center - Lanier High Sector				132.8			
			Select Atlanta Center frequency.							
			Pilot: Atlanta Center, NASA 515 level at flight level							
			three one zero, over.							
			Center: NASA 515 roger. Squawk ident.							
			Key ident.							
1:31:20 ± :15	360.8	31000	Begin turn to J815R (234° heading). (16° turn - 15° bank	).						

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TIME	DIST.	ALT.	EVENT	COM1	COM2	COM3	COM4	T NAV1	NAV2	NAV3
	n.m.	ft.								
1:31:40 ± :05	363.2	31000	Turn complete, on J815R.	•						
1:36:38 ± :20	389.2	31000	<u>Center</u> : NASA 515, report leaving flight level two six zero. Altimeter two niner eight eight, over.	0						
			<pre>Pilot: 515 roger, report flight level two six zero. Segin .75 Mach/280 KIAS descent, set thrust at flight</pre>	idle.						·
1:39:00 ± :10	405.0	29500	Cross SHINE Waypoint, begin turn to 2]10 heading (230 turn - 150 bank)				•			
1:39:34 ± :05	409.1	28000	Turn complete.							
1:43:50 ± :15	435.2	26000	Pilot: Atlanta Center, NASA 515 leaving flight level t six zero, over.	w0						
			<u>Center</u> : NASA 515 roger. Contact center on one two fix point two, over.	е		,				
			Pilot: 515 roger, center one two five point two.							

TIME	DIST.	ALT	EVENT	COM1	COM2	. COM3	COM4	NAV 1	NAV2	NAV3
	n.m.	ft.								
			Tune Atlanta Center - Norcross Low Sector	•		125.2				
·		٠	Select Atlanta Center.	•						
			Pilot: Atlanta Center, NASA 515 leaving flight level							
			two six zero for one one thousand, over.				• •			
			Center: NASA 515, Atlanta Center, roger. Squawk ident.							
			Key ident.			:				
:48:22 <sup>±</sup> :50	466.0	12000	Cross LANDS Waypoint (Last J815R Waypoint) Begin							
			500 ft/min. rate of descent.							
			Begin turn to 228 <sup>0</sup> heading. (17 <sup>0</sup> turn - 15 <sup>0</sup> bank)							
::48:41 ± :02	467.8	11600	Turn complete.							
1:49:22 ± :05	471.5	11000	Level flight, set thrust.							
1:50:22 = :05	476.5	11000	Begin deceleration to 250 KIAS. Adjust thrust,							
1:50:57 ± :05	478.2	11000	Reach 250 KIAS. Set thrust.		•		e e e e e e e e e e e e e e e e e e e	- ·		.,\

TIME	DIST.	ALT.	EVENT	COM1	COM2	COM3	COM4	NAVI	NAV2	NAV3
	'n.m.	ft.		·						
1:51:34 ± :05	481.2	11000	<u>Center</u> : NASA 515, due to traffic your Planned Time of Arrival at Lakeside is now 10:22:15 , over.							
			Pilot: 515 roger, time of arrival now 10:22:15.							
			Begin deceleration to 220 KIAS.		-					
1:52:04 ± :05	483.5	11000	Reach 220 KIAS. Adjust thrust.							
1:52:37 ± :05	488.0	11000	<u>Center</u> : NASA 515, contact Atlanta approach control on one two six point niner, over.							
			<u>Pilot</u> : 515 roger, approach control on one two six point niner.							
			Tune Atlanta Approach Control				126.9			
			Tune Arrival ATIS.		123.7		٠		,	
			Select Arrival ATIS: Information Lima; one seven zero five observation, two five hundred scattered ceiling four thousand broken, visibility one six, temperature							
			five niner, wind one one zero degrees at ten gusting to one seven, Altimeter two niner eight four, simultaneous parallel approaches in operation on runways zero eight							• •
			and niner right. Advise controller on initial contact you have information Lima.							

TIME	DIST.	ALT.	EVENT	COM1	COM2	COM3	COM4	NAV1	NAV2	NAV3
,	n.m.	ft.	Set Altimeter to 29.84							
			Tune Atlanta VOR							115.6
			<u>Pilot</u> : Atlanta Approach, NASA 515 level one one thousand with information Lima, over.	i						
			Approach: NASA 515 roger, squawk ident.							
1:54:55 ± :05	498.0	11000	Cross (STAR) Waypoint 01, begin turn to 220 <sup>0</sup> heading, begin deceleration to 200 knots. Adjust thrust.					•		
1:55:03 ± :02	498.6	11000	Turn complete.							`
1:55:44 ± :05	501.6	11000	Reach 210, set flaps 10.							
1:55:54 ± :02	502.3	11000	Reach 200 KIAS. Set thrust.				. •			
									¬ ·	,
1:56:55 ± :10	506.3	11000	Approach: NASA 515, contact Approach Control on one two seven point two five, over.							
			Pilot: 515 roger, one two seven point two five.							

TIME	DIST.	ALT.	EVENT	COM1	COM2	СОМЗ	COM4	NAV1	NAV2	NAV3
	N.M.	FT.							<del></del>	
			Tune Approach Control frequency.			127.25				
			Select frequency.							
			•							
			Pilot: Atlanta Approach Control, this is NASA 515							
			level one one thousand, over.							
			<u>Approach</u> : NASA 515, Atlanta Approach, roger. Squawk ident.				•			
:58:05 ± :05	510.9	11000	Cross (STAR) Waypoint O2, begin right turn to 270°							
			heading, begin deceleration to 180 KIAS. Adjust							
			thrust.							

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TIME	DIST.	ALT.		EVENT		COM1	COM2	COM3	COM4	NAV1	NAV2	NAV3	
- ITIL	n.m.	ft.	.'	EVENT	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	COPI					mare		•
1:58:25		11000	Turn complete, b	egin deceleration	, adjust thrust.								
1:58:45		11000	Reach 170 KIAS,	set flans 15°.	,	-							
1:59:45			Begin descent to	4500 feet. Set	thrust at flight idle								
2:02:25		4500	Reach 4500 feet.	Set thrust for	level flight.								
2:03:05		4500		reduce speed to	160.								
2:03:15		4500 ·	Reach 160 KIAS.	Set thrust.									
:05:15		4500	Begin turn to,18	O heading.									
2:06:10		4500 ·	Turn complete.						•				
,		• ,		515, contact towe point five, over	r at the outer marker								
				r, tower at outer	marker on one one								
			Tune Atlanta Tow	er frequency.					119.5			1	
2:06:40		4500	Begin turn to 12	O° heading.									
2:07:15	;	4500	Turn complete.						Α.	<i>: '</i>			•

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TIME	DIST.	ALT.	EVENT	COM1	COM2	COM3	COM4	NAVI	NAV2	NAV3
	n.m.	ft.								
2:08:05		4500	Begin turn to $90^\circ$ heading (final approach heading).							
			Capture ILS localizer.							
2:08:25		4500	Turn complete.							
2:09:25		4500	Adjust thrust to slow to 150 KIAS.							
2:09:35		4500	Reach 150 KIAS. Acquire glide slope. Set thrust.							
			Set flaps 25°.							
2:10:05		3600	Cross Stubbs, begin speed reduction to 135 KIAS,							
			set landing flaps 40°. Adjust thrust.							
2:11:15		2665	Cross Outer Marker, gear down.							
			Select Tower frequency.							
			Pilot: Atlanta Tower, this is NASA 515 over lakeside							
			inbound for runway zero eight, over.							
			Tower: NASA 515, Atlanta Tower, roger. Cleared to							
			land runway zero eight. Wind one one zero degrees at							•
			zero niner.							
			<u>Pilot</u> : 515 roger.							

TIME	DIST.	ALT.	EVENT	COM1	COM2	COM3	COM4	NAVI	ŅAV2	NAV3
	n.m.	ft.								
2:12:27			Pass through 1500 feet.							•
2:12:45		1213	Cross Middle Marker, speed 130 KIAS.							
			Decision Heighth							
2:13:00		1050	Cross end of runway.							
2:13:10		1000	Touchdown, thrust reversers.							
2:13:35			Thrust reversers off.							
2:13:45			Speed brakes retract.							
			<u>Tower</u> : NASA 515, exit runway next intersection, contact ground point niner when clear of runway, over.							
			Pilot: 515 roger, point niner when clear.							
			Tune Ground Control.			121.9				
			Select ground frequency.					•		
			<u>Pilot</u> : Atlanta ground, this is NASA 515, taxi to gate ) over.	,						
			Ground: NASA 515, Atlanta Ground, taxi to ramp via northeast-wouthwest taxiway, over.							

APPENDIX FOUR

SCENARIOS 4A AND 4B

## **SCENARIOS 4A AND 4B\***

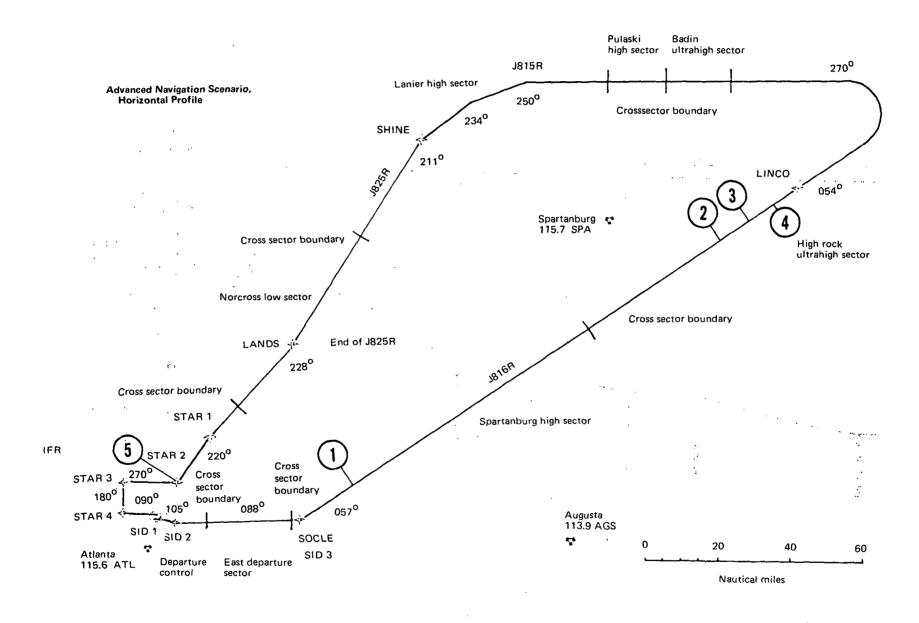
IFR flight.—Hartsfield Atlanta International Airport to Washington National Airport with unscheduled return to Atlanta.

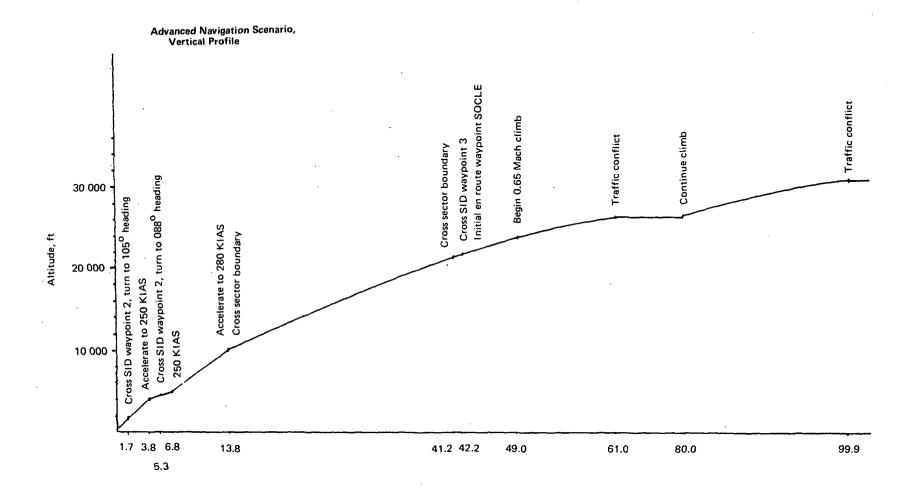
Advanced Navigation Concept.

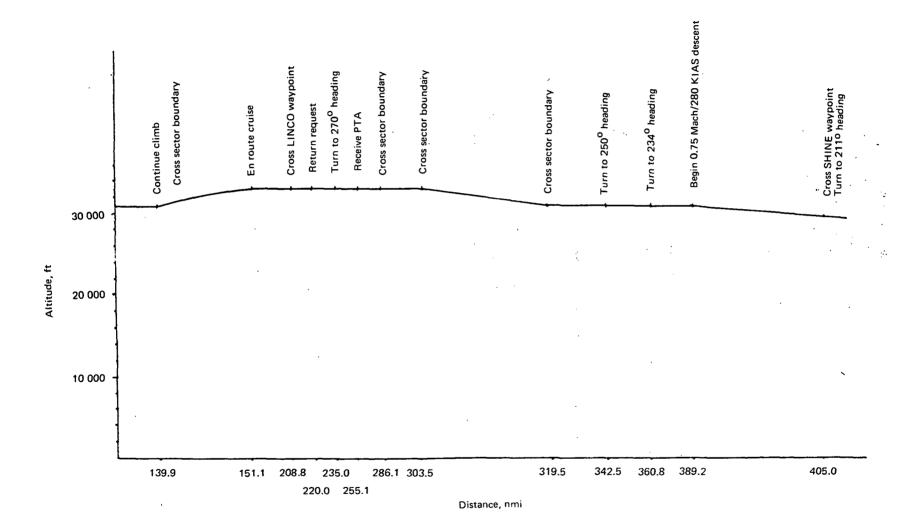
MLS procedures.

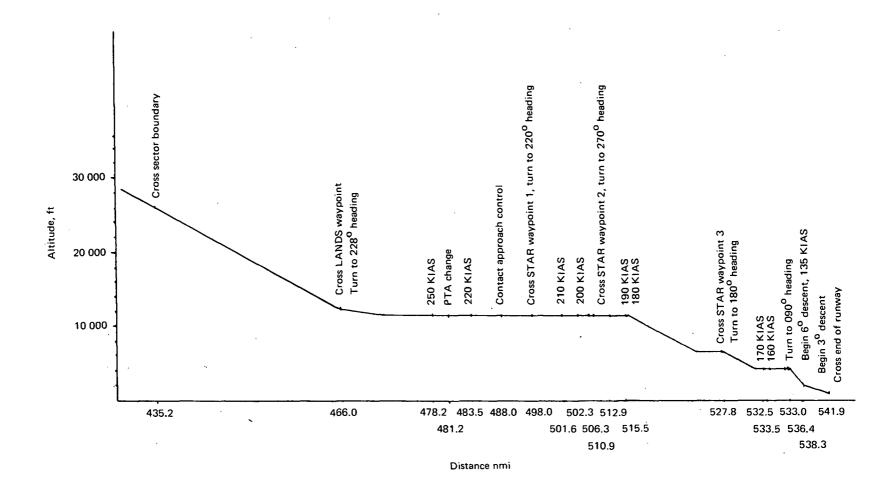
(Note: Scenario 4 is identical to scenario 3 through T = 1:58:05)

<sup>\*</sup>Scenario 4B is identical to 4A except for the addition of malfunction events.









TIME D	DIST.	ALT.	EVENT	COMI	COM2	COM3	COM4	NAV1	NAV2	NAV3
	n.m.	ft.							·	•
			Tune Approach Control frequency.			127.25	ō			
			Select frequency.							
			<u>Pilot</u> : Atlanta Approach Control, this NASA 515 level one one thousand, over.							
			Approach: NASA 515, Atlanta Approach, roger. Squawk ident.							
:58:05 <sup>±</sup> :05 5	510.9	11000	Cross (STAR) Waypoint 02, begin right turn to 270 <sup>0</sup> heading, begin deceleration to 180 KIAS. Adjust thrust.							
:58:26 <sup>±</sup> :05 5	512.3	11000	Turn complete.			•				
:58:36 ± :05 5	512.9	11000	Reach 190 KIAS, set flaps 5 <sup>0</sup> .							
:58:46 <sup>±</sup> :05 5	515.5	11000	Reach 180 KIAS, begin descent to 6000 feet.							
:01:26 <sup>±</sup> :05 5	524.3	6000	Reach 6000 feet, tune MLS. Set thrust.					Х		
:02:22 ± :05 5	527.3	6000	, MLS Acquisition							
:02:32 ± :05 5	527.8	6000	Cross (STAR) Waypoint 03, begin turn to 180 <sup>0</sup> heading, begin descent to 3600 feet.		•					
:03:29 ± :05 5	530.9	4200	Turn complete, tune MLS.	•					X	X

TIME	DIST.	ALT.	EVENT	COM1	COM2	COM3	COM4	NAV1	NAV2	NAV3
	n.m.	ft.								
:03:49 ± :05	532.0	3600	Reach 3600 feet, begin deceleration to 160 KIAS.							
:03:59 ± :05	532.5	3600	Reach 170 KIAS, set flaps 15 <sup>0</sup> .							
:04:09 ± :05	533.0	3600	Reach 160 KIAS. Set thrust.							
:04:19 ± :02	5 <b>3</b> 3.5	3600	Begin turn to $90^{\circ}$ heading (final approach heading).							
:04:57 ± :05	535.9	3600	Turn complete.							
			Approach: NASA 515 contact Atlanta Tower on one one niner point five, over.							
			Pilot: 515 roger, one one niner point five.							
			Tune Atlanta Tower.				119.5	5		
			Select Atlanta Tower frequency.							
			<u>Pilot</u> : Atlanta Tower, NASA 515 at Lakeside inbound for runway zero eight, over.							
			Tower: NASA 515, Atlanta Tower, roger. Cleared to land runway zero eight. Wind one one zero at zero niner.	l						

TIME	DIST. ALT. EVENT	COM1	COM2	COM3	COM4	NAV1	NAV2	NAV3		
	n.m.	ft.			- <del></del> -					
			Cross (STAR) Waypoint 04 (Lakeside). Begin deceleration	,						
•			to 135 KIAS. Adjust thrust. 150 KIAS, flaps 25							
2:05:07 ± :02	536.4	3600	Begin 6 <sup>0</sup> first segment MLS approach. Gear down.					٠		
2:05:25 ± :05	537.2	3088	Reach 135 KIAS. Faps 40 Checklist							
2:05:54 ± :05	5 <b>3</b> 8.3	2180	Transition to 3 <sup>0</sup> second segment.							
2:05:59 ± :02	538.5	2080	Transition complete, speed 130 KIAS. 500 feet above runway.							
2:07:29 ± :15	541.9	1050	Cross end of runway (Waypoint 05).							
2:07:41 ± :05	542.2	1000	Touchdown, set speed brakes, set thrust reversers.						•	
2:08:01 ± :05			Thrust reversers off.							
2:08:11 ± :02			Speed brakes retract.							-
			Tower: NASA 515, exit runway next intersection,			-				
			contact ground point niner when clear of runway, over.		•					**
,			Pilot: 515 roger, point niner when clear.							
			Tune Ground Control.			121.9				

TIME	DIST.	ALT.	EVENT	COM1	COM2	COM3	COM4	NAV1	NAV2	NA
	n.m.	ft.	Select Ground frequency.							
			<u>Pilot</u> : Atlanta Ground, this is NASA 515, taxi to gate X, over.							
· .			<u>Ground</u> : NASA 515, Atlanta Ground, roger. Taxi to ramp via northeast-southwest taxiway, over.							
			Pilot: 515 roger.							
			Continue taxi straight ahead.							
± :1	0		Turn left 90° to ramp.							
± :1	n		Arrive at Gate Shut down engines.							

## APPENDIX FIVE

TASK CATALOG FOR THE NASA 515

	TASK CODE -	:	S	DUR Time	СН	ANNEI	L ACTI	VITY	- PERO	CENT	OF DU	R TIM	E
	NO.	TASK NAME/DESCRIPTION	Ť	(SEC)	€V	IV	LH	RH	LF	RF	COG	AUD	VBL
1 A	C1	MON VHF-1L FREQ IND	1	.76	0	100	0	Ü	0	0	20	0	ι
			2	4.C3	Ó	100	Ö	Ğ	O	0	20	0	0
			3	4.96	0	106	C	C	G	0	20	0	G
14	C 2	SET VHF-1L FREQ -	1	2.05	0	16	C	100	Ų	0	26	0	C
		WHOLE NG.S	2	2.98	0		1000	0	0	٥	20	0	e
			3	2.65	0	10	100	Ú	0	0	20	0	0
14	0.3	SET VHF-IL FREQ -	1	1.98	O		1000	O	0	0	20	0	Ú
		FRACTIONS	2	1.98	0	100	C	100	Ú	O	20	0	O
14	0.4	ADJ VHF-1 VOLUME	1	2.C8	C		1666	Ç	0	Ü	20	G	¢
			2	2.11	C	10t	(	100	ΰ	0	20	0	(·
14	05	SET VHF-1 COMM TER	1	2.39	C	100	100	C	0	G	20	0	e
		SW TO LEFT	2	1.43	0	100	10C	O	0	O	20	0	0
			3	2.30	C	100	C	100	0	0	20	0	0
			4	1,43	0	100	C	100	Ú	0	20	C	C
1 A	r e	SET VHF-1 COMM TER	1	2.39	O	100	100	G	C	Ü	20	0	0
		THƏIR DT WZ	2	1.43	Ü	100	100	C	O	Ü	20	0	0
		•	3	2.30	Ú	10(	C	100	0	0	20	0	C
			4	1.43	0	100	C	100	G	0	20	C	C
1 A	167	MGN VHF-12 FREQ IND	1	.76	0	100	C	U	0	ι	20	ø	U
		•	2	4.86	O	100	Ĺ	Ç	0	O	20	O	ti
			3	4.96	c	100	Ç	0	. 0	0	20 20	0	Ü
			4	3.99	0	100	C	C	Ü	O	20	Ċ	(
1 A	6.8	SET VHF-1R FREQ -	1	2.68	C	10	C	100	O	0	20	o	U
		WHOLE NO.5	2	2.98	0	16	100	C	0	0	20	. 0	0
		•	3	2.01	0	16	100	O	C	0	20	G	(·
		,	4	2.01	C	16	С	100	Ü	C	20	O	O
1 A	( د	SET VHF-1R FREQ -	1	1.98	0	16	196	U	0	ō	50	0	O
		FRACTIONS	2	1.98	0	10	C	100	0	0	20	Ú	o
			3	2.11	C.	16	C	100	U	0	26	0	0
14	10	ACT PUSH-TU-TALK SW	į.	3.50	0	C	(	100	Ü	C	20	U	G
			2	5.60	C	(	(	100	Ü	Ũ	20	0	Ç
			3	1.70	C	(	C	100	G	Ü	20	O	C.
			1	6.00	C	C	Ĺ	100	O	O	20	0	С
1 A	11	COMM VIA VHE-1	1	5.00	0	(	(	Ú	U	Ċ	Ü	C	C
			2	12.60	0	C	(.	Ü	Ü	G	Ü	Ű	0
			3	1.70	0	(	Ç	ç	0	C	Ú	Ü	L.
	• •		4	7.60	G	ι	(	Ċ	3	0	3	С	0
14	12	COLM VIA VHE-1	i	3.50	Ú	(	Ĺ	Ć.	O.	0	O.	e	(.
			2	3.00	Ö	Ĺ	o .	Ü	0	O	0	Ü	0
	•		3	6.60	C	(	Ĺ	Ĺ	O	G	ĩ.	Ĺ	C

	TASK		S	DUR Time	СН	IANN E L	ACTI	vity -	PER	ENT	OF DU	R TIM	E
	NO.	TASK NAME/DESCRIPTION	Ť	(SEC)	ΕV	IV	LH	RH	LF	RF	CDG	AUD	VBL
14	14	MON VHF-1 COMM AUDIO	1	17.CO	0	С	C	Ü	c	0	Ċ	G	Ŀ
			2	6.00	0	Ö	C	ō	ō	Č	Ô	0	C
			3	7.00	0	С	C	0	0	0	O	э	C
			4	3.00	0	C	C	Ç	0	0	0	0	0
14	15	MON VHF-1 COMM AUDIO	1	5.CC	C	0	C	c	o	C	0	0	C
			2	4.00	0	C	C	U	0	O	O	C	0
			3	24.CO	C	G	C	Ĺ	C	O	C	O	O
			4	2.50	0	O	C	С	G	0	0	0	0
14	17	SET COMM 2 VHF-1	1	2.39	0	100	100	C	ŭ	0	26	ÿ	0
		COMM RECVE SW TO ON	2	1.52	0	100	100	C	0	0	20	0	0
			3	2.69	Ü	100	Ç	100	9	Ú	20	0	0
			4	1,60	0	100	ζ	100	0	С	20	0	C
1 A	18	SET COMM 2 VHF-1	1	2.39	O	100	166	Ċ	G	U	20	Ö	C
		COMM RECVE SW TO OFF	2	1.52	e	100	Ċ	100	ú	C	20	e	U
			3	2.69	Ú	100	C	100	0	0	2û	0	0
		· ·	4	1.60	O	100	(	106	٥	O	20	ð	O
1 4	19	SET COMM 2 MIC SEL	1	2.60	0	106	100	C	C	c	20	e	(.
		SW TO VHF-1	2	1.99	O	100	C	100	O	O	20	0	0
			3	2.92	0	100	(	lúú	Û	(·	2C	e	U
			4	1.49	G	100	160	Ĺ	c	Ü	20	J	(,
1 A	20	ACT COMM 2 PUSH-TO-	1	1.42	Q	10	150	¢.	õ	Ç.	20	Ú	(
		TALK SE	2	1.42	0	10	O	100	Ú	C	20	0	U
			3	1.50	C	1(	100	(	U	C	20	0	0
			4	2.35	C	16	100	C	Ü	C	20	O	U
14	21	SET COMM 2 BUOM/OXY SW TO BOMM	i	1.50	Ċ	100	Ċ	100	ن	Ċ	20	o	U
14	23	SET COMM 2 BOOM/DXY	1	1.50	0	100	Ç.	100	o	Ĺ	20	Ü	(.
		SW TU LXY	Ž	2.35	č	106	Ĭ.	166	ŏ	Ö	20	ŭ	i,
1 A	23	ADJ COMM Z MIC VOL	1	2.04	0	1(	ι	100	ò	c	20	Ü	(
1 Δ	24	ACT COMM 2 PUSH-TO-	1	t. 42	С	10	1ét	0	O	0	20	0	(
_	•	TALK Sh	2	13.42	Ō	10	100	Ü	ō	Ü	2ú	C	C.
		-	3	3.12	Ğ	16	100	Č	0	U	20	C	O
14	2 !	ACTUATE COMM 2 PUSH-	1	7.60	ι	16	(	166	Û	Ç,	26	0	c
		TO-TALK SA	2	1.70	G	£C	C	100	Ú	0	20	Ú	•
			3	2.35	ن	16	Ĺ	100	Ú.	Û	20	0	C:
		·	4	3.00	0	10	C	100	Ð	0	20	O	e

	TASK CODE		2 1	DUR Time	CH	HANNEL	ACTI	VITY -	- PERC	CENT	OF DU	R TIM	E
	NC.	TASK NAME/DESCRIPTION	T	(SEC)	E۷	IV	LH	ЯH	LF	RF	COG	AUD	VBL
18	(1	MON VHF-2L FREQ IND	1	• 76	0	100	С	0	0	0	20	G	0
			2	4.68	O	100	C	Ĺ	O	9	20	O	C.
		,	3	5.08	O	10C	C	0	0	O	<b>2</b> C	0	Ü
18	12	SET VHF-2L FREQ-	1	2.20	0	10	100	O	0	G	20	Ú	0
		WHOLE NO.S	2	2.90	0	10	100	Ü	Ü	U	20	0	( .
			3	2.40	Ĺ	10	C	100	0	0	20	O	0
			4	3.10	С	10	C	100	c	O	20	0	Ç
18	(3	SET VHF-ZL FREQ -	1	1.98	0	10	100	0	0	c	20	0	C,
		FPACTIONS	2	1.98	G	10	(	10C	Ü	0	- 20	0	C
18	(4	ADJ VHF-2 VOLUME	Ţ	2.00	ø	10	101	Ü	Ü	o	20	0	G
			2	2.09	C	16	100	U	ن	Č	20	0	0
			3	2.69	C	10	C	160	0	0	20	0	Ú
			4	2.19	c	16	U	100	0	U	20	U	C.
14	6.5	SET VHF-2 CUMM TER	1	1.45	Ç	100	100	Ċ	Ü	é	20	O	U
		SW TO LEFT	2	2.39	C	100	C	100	С	Ü	20	0	t,
			3	1.45	С	100	100	L	۵	C	20	O	C
			4	2 • 30	Ç	100	100	C	0	0	20	C	C
13	(+	SET VHF-2 COMM TER	1	1.45	C	100	100	U	3	Ċ	20	Ü	Ú
		SW TO RIGHT	2	2.39	Ü	100	(	100	O	0	20	0	Ç.
	•		. 3	1.45	C	100	100	Ĺ	3	Ó	20	0	C
			4	2.39	Ĺ	100	100	ı	Ü	0	20	Û	O
13	€7	MON VHF-2R FREQ IND	1	. 75	С	100	(	C	0	О	20	Ú	0
			5	4.61	C	100	C	Ú	0	C	2Ċ	U	C
			3	4.86	ί	100	(	Ü	3	O	20	J	C
18	CE.	SET VHF-22 FPEQ -	1	2.03	C	10	100	L	ð	O	20	Û	G.
		WHICHE NO.3	2	2.65	0	16	100	C	Ü	c	20	0	C.
		,	د	2.13	Ģ	11	ί	100	U	0	20	ũ	6
			4	2.98	e	10	C	100	0	0	20	O	U
13	ζŞ	SET VMF-22 FKF0 -	1	1.90	ć	16	100	L	Ü	C	2ù	Ü	(:
		FRACTIENS	?	1.98	o	10	(	100	Ü	c	2 C	C	C
13	3.6	SET COMM 2 MIC SEL	ı	2.66	G	100	100	. G	U	U	<b>2</b> 0	0	Ċ
		SW TO VHF-2	2	1.59	C	100	Ĺ	100	<b>₩</b>	Ù	20	J	Ų.
			3	2.92	2	100	c	100	O	0	20	C	O
19	11	SET COMM 2 VHF-2	<u>:</u>	2.69	Ü	100	t	100	Ü	Ü	20	O	O
		CONM RECVE SW TO DN	ż	1.52	Ğ	100	(.	100	Ç	Ċ	SG	O	t.
			٤	2.39	C	100	100	C	Ċ	U	20	0	U
			4	1.44	C	100	100	Ü	U	υ	20	ı	t
13	12	SET CEMN 2 - VHF-2	i	2.69	•3	100	ί	100	5	Ü	20	0	C.
		COMM RECVAL SW TO OFF	2	1.52	Ü	100	(	10 <b>C</b>	C	Ü	2ί	G	C
		•	3	2.39	Ų	(	100	100	O	v	20	0	C
•			÷	1.44	C	100	100	C	U	(,	20	C	Ç

	TASK		S I	DUR TIME	СН	ANNEL	ACT I	VITY	- PER	CENT	OF DU	R TIM	E
	NC.	TASK NAME/DESCRIPTION	Ţ	(SEC)	ΕV	IV	LH	RH	LF	КF	CDG	AUD	VBL
18	13	ACT COMM 2 PUSH-TO- TALK SW	1 2 3 4	1.42 1.42 3.50 2.30	0 0 0	10 10 10 6	100 0 100 0	100 6 6	0	0 0 0	20 20 20 0	0 0 0	0 0 0
18	14	ACT PUSH-TO-TALK SW ON HANDGFIP	1 2 3	4.80 2.50 1.50	0 0	(° (°	( C	100 100 100	0 0	0 0	20 20 20	000	С О
18	15	COMM VIA VHF-2	4 2 3 4	1.70 2.50 1.50 1.70	0 0 0	( ( (	( (	0 C 0 10C	0 0 0	ů ( 0 0	20 0 0	0 0 0	0 0 0
13	16	CCMM VIA VHF-2	1 2 3 4	3.50 2.30 4.50 2.80	0 0 0	0 0 0 0	์ ( (	6 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0
18	17	COMM VIA VHF-2	1 2 3 4	7.00 5.00 4.00 6.60	0 0 0	6 6 6	() () ()	( 0 0	0 0 0	0 0 0	0 0 0 0	0 0 0	0 0 6
13	18	MON VHF-2 COMM AUDIC	1 2 3 4	30.(0 2.50 6.00 3.50	0 0 0	( (, (,	( ( (	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0
18	15	MON VHF-2 CGMM AUDIO	1 2 3 4	3.20 7.00 6.20 10.66	0 0 0	(; (; (	() () ()	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	6 0 6
19	21	MON VHF-2 CCMM AUDIO	1 2 3 4	5.00 5.50 1.70 3.(0	0 0 0	(	( ( (	0 0 0	0 0 0	0 0 0	0 0 0 0	0 0 0 0	() () ()
18	21	SET COMM 2 BOOM/OXY SW TO BOOM	1 2 3 4	1.40 1.47 1.50 2.42	0 0 0	100 100 100 100	100 100 ( 100	0 .u 100 0	ი ი ი	6 0 0 0	20 20 20 20	0 0 0	( 0 (
18	22	SET COMM 2 BOOM/OXY SW TO CXY	i 2 3 4	1.40 1.47 1.50 2.42	0 0	100 100 100 100	( ( () ()	( 0 0 (	0 0 0	0 0 0	26 20 25 20	0 0 0 0	0 0 0
18	23	ADJ COMM 2 MIC VOL	1 2	1.97 2.64	G C	16	160	( 160	C U	G	20 20	0	ŭ E
13	24	ACT PUSH-TG-TALK SWON CONTROL HANDGRIP	i 2 3 4	4.50 2.80 6.20 2.50	0 0 0 0	(	( ( (	100 100 100 100	0 0 0	0 0 0	20 20 20 20	0 C O	() () ()

	TASK		S	DUR Time	Сн	ANNEL	ACTI	YTIV	- PERC	ENT	OF DU	R TIM	E
	νη.	TASK NAME / DESCRIPTION	T	(SEC)	ΕV	ΙV	LH	RH	LF	RF	COG	AUD	VBL
18	25	ACT PUSH-TO-TALK SW	1	5.00	0	O	0	100	0	O	20	0	c
		ON CONTRUL HANDGRIP	2	4.00	0	C.	Ú	100	υ	-	. 20	Ú	0
			3	6.00	0	Ĺ	Ü	100	O	0	20	0	U
			4	4.20	0	L	C	100	0	0	20	0	C
18	3.5	ACT PUSH-TO-TALK SW	1	7.00	G	C	C	100	0	O	20	0	C
		ON CONTROL HANDGRIP	2	3.CO	0	(	Ŀ	100	U	0	20	0	C
			3	10.00	C	C	C	100	Ü	0	20	C	O
			4	7.50	0	O	C	160	0	C	20	0	O
13	2 P	ACTUATE COMM 2 PUSH-	1	5.60	o	C	C	10 <i>0</i>	c	0	20 .	0	c
		TO-TALK SW	2	6.00	C	C	C	166	Ć	C	20	G	C
			3	4.00	0	Ċ	(	100	U	0	20	0	0
			4	4.25	C	C	(	100	C	9	20	U	(;
18	20	ACTUATE COMM 2 PUSH-	1	1.70 .	Ü	c	<b>C</b> .	100	o	o	26	U	C
		TO-TALK SW	2.	3.50	C	Ŀ	Ĺ	100	Ü	Ù	20	O	Ģ
			3	1.50	G	U	t.	100	0	0	20	0	0
			4	3.00	0	(	(	100	0	G	20	0	(·
18	32	COMM VIA VHE-2	1	4.20	0	Ĺ	ι	i	0	0	()	o	o
•		•	2	3.CC	C	(	C	L	0	Ü	0	0	0 -
			3	16.66	¢.	Ĺ	C	G	û	0	C	J	G
			4	7.50	C	(	Ç,	Ċ	o	Ü	Ü	Ú	ι,
13	33		1	4.2Ú	G	Ĺ	C	C	Ů.	0	, ¢	o	c
18	34		1	4.20	0	O	Ŀ	C	G	0	0	G	o
18	35	•	1	4.20	C	C	<b>C</b> .	Û	o	0	0	0	Ü
18	3.6	MONITER VHF-2 COMM	1	11.00	(·	C	C	ί	ວົ	· U	ů	0	(
		AUDIO	2	2.00	0	Ċ	Ü	0	O	O	Ú	٥	C
			3	12.00	0	C	(	C	ΰ	0	Ō	O	Ċ
			4	0.50	C	C	ι	(	0	O	O	O	(
1:2	27	MGNITOR VHF-2 COMM	1	16.60	Ç.	0	C	O	G	G	0	0	O
		AUCIE	2	4.Ci	(	(	ι	ι	ΰ	0	Ŀ	0	U
			3	15.00	Ç.	(	ι	O	v	Ũ	0	0	Ü
			4	3.70	c	(	C	Ü	9	U	Ü	6	U

	TASK	. •	S	DUR TINE	СН	ANNEL	ACTI	VITY -	PER	CENT	OF DU	R TIM	E
	NG.	TASK NAME/DESCRIPTION	Ť	(SEC)	ΕV	ΙV	LH	RH	LF	RF	C OG	AUD	VBL
16	C1	MON COCKPIT CALL	1	1.00	C	C	C	C	. 0	Ü	20	100	L
1F	€ 2	MON COCKFIT CALL ANNUN LT ON	1	•71	0	10C	(	0	. 0	ò	20	0	O
1F	(3	ACT ATTENDANT CALL	1	2.35	0	100	C	100	0	0	20	0	. 0
1 F	۲4	SET SERVICE INTPHN SW TO UN	1	2.92 /	0	106	C	100	. 0	0	26	0	O
1 F	0.5	SET SEPVICE INTPHN SW TO GEF	ì	2.92	C	100	ι	100	U	C	2ú	υ	0
1 F	C E	SET COMM 2 MIC SEL SW TO INT	1 2 3	2.86 2.52 1.99	0 0 0	100 100 10t	100 0 (	0 100 100	0 0 0	6 0 0	20 20 20	0 0	( (
15	ſ 7	SET CUMM 2 INT COMM RECVE SW TO UN	1 2 3	2.44 1.55 2.34	Û Û 0	10t 10t 10t	15C 10C	100 0 0	0 0	0 0	20 20 20	0 0	() () ()
1F	٦)	SET COME 2 INT COMM RECVE SW TO OFF	1 2 3	2.44 1.55 2.34	0 0 0	100 100 100	i 100 100	100 L L	0 0 C	0 0 0	20 20 20	0 0	0 0 L
15	<b>r</b> 9	CIDUA MMDO TNI NOM	1 2 3	.80 .90 1.50	0 0 0	( (	. ( (	0 0 0	0 0 0	0 0	0 6 0	0 0 0	0 0
1F	10	MUN INT COMM AUDIO	. 1	. ६८	^	Ç	C	Ü	·	0	e	С	(.
16	11	INTPHN COMM	1 2 3	1.46 1.36 1.30	0 0 0	ι (	( ( (	ι ι	9 0 0	0	G G O	0 C C	( () ()

	TASK		S I	DUR Time	СН	ANNEL	ACT	LÝITY	- PER	CENT	OF DU	R TIM	E
	NO.	TASK NAME/DESCRIPTION	i	(SEC)	٤V	IV	LH	RH	LF	RF	ĊDG	AUD	VBL
16	61	SET COMM 2 PA COMM RECVR SW TO ON	2	1.41 1.45	0	100 100	Ç	100 100	O Ü	0	20 20	. 0	0
1 G	( 2	SET COMM 2 PA COMM RECVR SW TO UFF	2	1.41 1.97	C O	106 106	10C C	6 100	0	0 0	20 20	. O	C C
<b>1</b> G	C 3	SET COMM 2 MIC SEL SW TO PA	1 2 3	2.32 2.92 1.99	0 0 0	100 100 100	C C	100 106 100	0 0	0 0 0	20 20 20	0 0	0 0
<b>1</b> 6	í, 4	ACTUATE HANDMIKE SW FOR PUBLIC AUDRESS ANNUUNCEMENT	l	2.32	0	100	C	100	¢	Ĺ	20	0	O
10	C-t	PICK UP PA HANDMIKE	1 2 3	3.18 2.58 5.66	Ŭ G U	100 100 160	100	0 106 160	Ü C C	0 0	20 20 20	ပ ပ 0	t G
16	r· 7	RETURN PA HANDMIKE TO CRACLE	1 2 3	3.08 2.58 5.06	0 0 0	100 100 100	10L ( (	6 100 100	0 0 0	υ υ 0	26 26 26	0 0	0 0
16	ť 8	SET CLMM 2 PA COMM RECVR SW TO UN	ı	1.41	0	106	100	C	0	٥	20	0	r
16	رد	SET COMM 2 FA COMM . RECVE SW TO OFF	1	1.41	0	10(	100	ι	o	U	26	C	Û
16	10	SET COMP 2 MIC SEL SW TO PA	1	2.86	o	100	100	Ŀ	3	0	20	O	(
16	23	PRESS COMM 2 PRESS+ FO-TALK SW FOR PA	1	3.42 1.42	0	100 100	100	0 106	0 3	0 0	20 20	о (,	6

	TASK		S	UUR Time	СН	ANNEL	AC T I	YTTY	- PER	CENT	OF DU	R TIM	E
		TASK NAME/DESCRIPTION	-		٤v	٤٧	LH	ŔН	LF	RF	¢ og	AUD	VBL
1н	€1	ACTUATE GRD CALL SW		2.37									

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	TASK		S	DUR Time	CH	IANNEL	ACTI	VITY	- PER	CENT	OF DU	R TIM	E
	NG•	TASK NAME/DESCRIPTION	Ť	(SEC)	ΕV	IV	LH	RH	LF	RF	COG	AUD	VBL
14	01	ACTUATE VOICE REC	1	1.49	C	10¢	106	C	υ	O	20	0	Û
1,	62	MGN VOICE REC	1	2.03	٥	100	ι	C	o	0	24	٥	Ð

	•	· :	- :										
	TASK CODE	•	S	DUR TIME	ĊH	IANNEL	ACT	IVITY -	- PER	CENT	OF DU	R TIM	E
	ND.	TASK NAME/DESCRIPTION	Ť	(SEC)	ΕV	IV	LH	RH	LF	RF	COG	AUD	VBL
1M	01	MON VHF 1 SELCAL LT ON	1 2	.53 ,1.05	0	100 100	Ċ	0	0	0 <b>c</b>	20 20	0	0
1 M	0 <i>2</i>	MON VHF 2 SELCAL LT ON	1 2	1.71	0	10C 10G	c C	G G	0	0	20 20	0 0	0
1 M	03	MONITOR SELCAL CHIME	1	1.60	C	C	ι	C	Ü	C	20	100	6
1 M	04	COMM VIA SELCAL	1	1.00	0	c	ζ	ı 0.	0	Ò	20	100	<b>U</b> ,
1M	( 5	PUSH VHF 1 SELCAL TEST/RESET SW	1 2	2.22 2.30	0	10¢	1 Մ	100 U	0 0	c o	20 20	0 0	O C
14	0.6	PUSH VHF 2 SELCAL TEST/RESET SW	1	2.22	0	100	100	e	. 0	C	2 C	0	Ç

	TASK		S	DUR Time	СН	ÁNNEL	ACTI	VITY -	PERC	ENT	OF DU	R TIM	E
	NO.	TASK NAME/DESCRIPTION	-1	(SEC)	ΕV	ΙV	LH	RH	LF	RF	CDG	DUA	ABF
1 N	61	SET ATC FUNCTION SEL SW TO GFF	1	1.93	0	106	100	U	O	0	20	O	·c
17	C 5	SET ATC FUNCTION SEL SW TO STOBY	1 2	1.93 1.93	0	106 106	100 0	0 106	υ 0	0	20 20	0	0
1N	£3	SET ATC FUNCTION SEL SW TO DN	1	1.93	0	100	100	0	0	0	20	o	0
1N	04	SET ATC FUNCTION SEL SW TO LO SENS	1	1.93	0	100	100	U	0	0	20	0	C
18	C 5	SET ATC IDENT CODE	1 2	2.80 2.04	С 0	1¢ 10	10t 10t	0	c o	. O	20 20	0	<i>U</i> 0
1N	( 6	MON IDENT CODE INDIC	1	<b>. 7</b> 7	0	100	Ĺ	C	C	0	20	0	()
			2	2.64 2.80	C C	90 90	C C	r G	C	0	20 20	0	0
1N	( 7	PRESS ATC IDENT SW	1 2	2.14	0	50 50	100 100	(, L	C O	0	2G 2G	0	6
18	0.8	SET ATC MODE SEL SW	1	2.61	C	100	100	C	U	c	20	Ü	U
1 4	ÇĊ	SET ATC MODE SEL SW TO B	1	2.61	0	100	106	C	S	Ú	20	Ú	C
18	1(	SET ATC MODE SEL SW TO C	1	2.61	c	106	100	O	0	0	20	C	C
1 N	11	SET ATC MODE SEL SW O UT	1	2.61	o	100	100	o	v	0	26	0	υ
18	12	SET ATC TRANSPONDER SEL TC NC.1	1	1.93	c	100	160	C	O	C	20	Q	Û
114	13	SET ATC TRANSPUNDER SEL TO NE.2	1	1.93	o.	100	100	Ú	O	Û	2ú	e	G
1 N	34	SET ATC ALT REPTG . SOURCE SW TO NO.1	1	1.57	o	100	100	O	0	0	20	0	o
111	1:	SET ATC ALT REPTG SCURCE SW TG NO.2	ī	1.57	O	160	100	Ċ	0	C	20	c	(i
14	16	SET ATC TEST SW TO TEST	1	1.50	0	100	100	(·	0	Õ	20	<b>0</b> .	C.
1*!	17	SET ATC TEST SW TO MUNITUR	1	1.50	c	C	100	Ù	0	0	20	U	C

TASK CODE I TIME TIME NO. TASK NAME/DESCRIPTION T (SEC) EV IV LH RH LF RF COG AUD VBL

IN 18 MGN ATC TEST LT ON 1 1.50 0 100 C U O 0 20 0 L

	TASK		S I	DUR Time	СН	ANŅEL	ACTI	ITY -	- PER	CENT	OF DU	R TIM	1E
	NC.	TASK NAME/DESCRIPTION	T	(SEC)	EV	ΙV	LH	RH	LF	RF	COG	AUD	VBL
1 P	C-1	MONITOR INSTRUCTIONS	1	1.50	C	100	C	U	0	0	20	0	U
19	02	MONITOR CALL-OUT	1	1.50	0	C	<b>(</b> .	ć	0	0	20	10C	c
			2	2.00	0	C	C	0	0	0	ZÚ	100	0
			3	3.00	G	C	Ĺ	C	Ç	0	20	100	G
			4	1.30	0	(·	C	0	C	G	50	100	0
1 P	r. 3	AC KNOWL & GE	1	•50	0	C	C	C	0	0	20	0	100
1 2	0.4	MONITOR PEPORT	1	.50	С	C	c	G	O	U	20	O	10°C
16	65	MGNITOR RESPONSE	1	.50	0	C	C	C	0	0	20	0	160
1 P	16	MONITER REPORT	ì	2.50	0	Ç	C	Ç	C	Ú	20	106	0
			2	6.00	C	Ç	C	Ç	ō	C	20	100	C
			3	1.60 .50	C O	(	(,	Ü	0	0	20 20	100 100	0 (i
				• 50	U		·		·	U			
J 5	€7	MONITOR REPORT	l	4.50	0	0	L	C	0	C	20	100	C
			2	.70	6	(	Ĺ	Ü	Ō	Ú	20	100	0
			3	2.30	9	Ċ	Ļ	Ú	0	0	20	100	0
			4	.80	0	C	C	C	Ü	0	20	100	C
1 P	C F	MONITOR REPORT	1	• 90	C	C.	€.	O	C	G	20	100	Ĺ
			2	1.60	С	Ç.	(	L	O	0	20	100	0
			3	1.20	C	C	C	C	Ō	Ü	2Ú	100	C
			4	•60	0	Ĺ	C	C	0	С	20	100	(;
10	į c	MONITOR FEPORT	1	1.30	0	Ĺ	Ĺ	C	O	0	20	100	(
			2	1.40	C	Ĺ	(·	Û	0	0	20	100	0
			3	16.60	0	Ĺ	C	C	ij	C	20	100	G
			4	1.90	J	Ĺ	Ü	Ü	0	0	20	100	O
1 P	1(	MONITOR CALL-OUT	1	1.60	Ú	ί	C	Ü	Ü	C	20	100	Ĺ
			2	• 70	C	(	Ĺ	U	J	Ü	20	100	U
			3	1.20	Ĺ	(	C	C	Ü	C	20	100	G
			4	•60	C	(	Ć.	0	3	U	20	100	О
10	11	MONITOR CALL-OUT	ì	.50	0	(	Ĺ	(;	C	Ū	2ŭ	100	o
			ĉ	.60	C	C	L	Ü	Ù	0	20	100	(3
			3	٠9٥	C	(	(	C	0	Ü	20	100	(r
			4	1.70	Ú	C	(,	C	0	С	20	100	0
] o	12	MUNITUR CALL-OUT	1	2.50	o	C	C	ز	0	C:	20	100	c
			5	1.40	Û	(	C	C	Ü	0	20	100	o
			3	2.20	(	(	C	Ö	0	0	20	100	0
			4	1.16	Ĺ	Ĺ	(	C	C	0	26	100	Ü
30	13	MONITOP CALL-OUT	1	2.3¢	C	C	C	C	0	o	2 ن	100	0
			2	2.40	Ç	C	C	G	0	Č	2 C	100	(
			3	3.50	e.	Ĺ	Ĺ	Ü	O	0	20	100	0
			4	1.86	C	ί	C	U	0	c	20	106	U

	TASK		S	DUR	CH	ANNEL	ACTI	VITY -	PER	CENT	OF DU	R TIN	16
	CODE NO.	TASK NAME/DESCRIPTION	I T	(SEC)	ΕV	IV	LH	RH	LF	RF	.c ae	AUD	VBL
1 P	14	MONITOR CALL-OUT	1 2	1.90 .40	0	C	O C	0	0	0	20 20	100 100	o C
			3 4	1.60 2.10	0	Ć	C	G	0	0	20 20	100	()
19	) 5	MONITOR CALL-OUT	1 2	2.70 3.70	0	C	C	o i	o o	0	20 20	100 100	( ( ) ( )
			3	4.20 3.20	0	Ċ	(	Ċ	0	0	20	100	0
1 P	16	MONITOR REPORT	1	.40	o o	Ç	Ç	U O	e 6	Ú	20 20	100 100	e
			2 3 4	.30 3.(C 1.50	0	Ċ	(.	CO	. 0	0	20 20	100	. () ()
1 P	17	MONITOP REPORT	1	3.50	¢	Ç	Ç	Ç.	O	c	20	100	ø
			2 3	3.70 4.LG	C C	Ç.	C	0	O O	O	20 20	100	e e
			4	2.66	C	(	(	0	o	0	20	100	0
1 P	1 P	MONITOR REPORT	1	1.10	U	Ĺ	ι	Ċ	c	0	20	100	t
19	19	MONITOR CALL OUT	1	4.60 1.50	C. U	Ç	C	ů O	0	oʻ G	20 20	100 100	c C
19	50	MONITUR PEPORT	1	2.10	O	(·	ί	Û	O	C	20	100	ι
1 PC	10001	CALL OUT-COUMPASS HDG IS XXX DEGREESI	1	2.5C	0	O	c	C	· o	Ō	20	C	100
190	10CC?	CALL CUT-[ALTIMETER SETTING IS XXXX]	1	7.50	e ·	Ĺ	G	C	U	. 0	20	0	160
120	10063	CALL GUT-ESET VI TO XXX KNGTS AND VR TO XXX KNCTSI	1	£.00	C	C	(	C	Ü	0	20	C	166
19t	16154	CALL DUT+[ WHAT IS THE EPR SETTING]	ì	1.50	c	į	(	Ċ	ΰ	o	26	υ	166
1PC	ICCC E	CALL OUT-(SET EPR	ī	2.50	U	С	0	C	0	O	20	Ć	100
120	10) CC	CALL OUT - [BEFORE START CHEC*LIST]	1	2.00	e	C	Ç	C	0	O	26	Ů	100
jor	16007	CALL CUT - CINTERIOR AND EXTERIOR PRE- FLIGHT CHECK!	1	3.00	0	(·	c	G	0	0	20	0	100
190	10008	CALL GUT - COMPLETE	i	1.00	(·	ι	ι	L	Ü	0	. 20	0	100
120	10(69	CALL OUT - [LIGHT TEST]	1	1.30	(	ι	(	Ĺ	o	0	20	Ů	100
1P(	10010	CALL GUT -[CHECKED]	1	1.60	0	C	(	O	ċ	o	20	G	167

TASK CODE		S	DUR Time	СН	ANNEL	ACTI	YTTY -	- PER	CENT	OF DU	R TIM	E
NO.	TASK NAME/DESCRIPTION	T	(SEC)	EV	IV	LH	RH	LF	RF	COG	AUD	ABL
10010011	CALL OUT - LOXYGEN AND INTERPHONE]	i	1.30	0	c	0	0	0	0	0	0	c
19010012	CALL DUT - [CHECKED]	1	1.00	0	O.	C	Ü	o	0	20	0	100
19010013	CALL OUT - [YAW DAM- PER ]	1	1.00	O	e	C	0	G	0	20	0	100
19010014	CALL GUT - [ON]	1	.50	C.	C.	¢	C	c	Ü	2ŭ	0	100
19010015	CALL OUT - [FUEL]	1	.50	O	Ĺ	C	ù	o	C	20	0	100
19010016	CALL GUT - [XXX LBS, OK FOR DISPATCH, ALL PUMPS ON]	1	4,50	C	(	C	c	O	C	20	c	166
12010017	CALL OUT ~ (GALLEY POWER 1	ı	.70	e	c	c	C	Ġ	0	20	o	166
18610038	CALL DUT - [EMERG EXT LTS]	1	1.20	0	c	C	C	O	0	20	o	100
19010015	CALL DUT - [ARMED]	1	.60	C	C	c	G	O	U	26	0	100
19010020	CALL CUT - (SEAT BELT AND NO SMOKING LTS)	1	2.60	0	(	C	0	Ü	C.	<b>2</b> 0	c	100
10010021	CALL BUT - [AUTO]	1	.50	o	Ċ	0	0	0	. 0	20	C	100
19616622	CALL OUT - [HYDPAU- LICS]	1	2.00	c	ι	ί	Ú	o	ο	20	0	100
Jac 10t 53	CALL OUT - [AIR CON- DITIONING AND PRES- SURIZATION]	1	2.60	Ç	ŧ	(	Ċ	o T	U	20	o	100
19016024	CALL OUT - [1 PACK, BLEEDS [N, SET]	1	2.30	Ċ	C.	С	0	O	c	20	0	100
10010025	CALL DUT - TAUTO- FILOT]	1	• 50	c	Ĺ	ί	Ü	ð	C	SC	0	166
160 700 58	CALL DUT - [NORMAL]	1	.70	o	c	ι	G	ō	G	20	0	100
12010(27	CALL OUT - (DISEN- EAGED[	1	.80	o	(	C,	O	Ü	U ,	20	O	166
1P+1(+2=	CALL GUT - [INSTRU- MENTS]	i	.86	C	Ċ	C	С	ა	c	20	U	100
JBC1C( 29	CALL OUT -[CROSS- Checked]	i	1.08	c	Ĺ	Ĺ	Ú	G	Ü	20	U	100
16030034	CALL GUT - [ANTI-SKID	1	• 90	С	Ç	c	C	o	0	20	c	100

TASK		S I	DUR Time	CHA	NNEL	ACTI	vITY -	PERO	ENT	OF DU	R TIM	E
NO.	TASK NAME/DESCRIPTION	Ť.	(SEC)	ΕV	ΙV	LH	, RH	LF	RF	coc	AUD	VBL
19610031	CALL DUT -[AUTO BRAKES]	1	ე• 90	0	C	C	0	v	0	2,0	0	100
19010632	CALL OUT-[GFF]	1	.50	G	¢.	(	o	O	Ü	20	Ü	160
10010033	CALL CUT - [KADIOS, RADAR, AND TRANS- PONDER]	1	2.00	С	Ĺ	C	U	· e	O	20	Ú	100
10010034	CALL CUT- [SET AND STANDBY]	1	1.20	C	C	C	0	J	C	20	0	100
18010035	CALL OUT - ESPEED BRAKE 1	1	. 5(1	0	C	С	C	0		20	0	100
1P01003f	CALL BUT - [DOWN Detent]	1	1.00	ů	C	e	C.	0	C	20	C	16¢
10010037	CALL CUT - EPARKING BRAKE I	1	.70	0	c	C:	.0	0	e	20	0	166
19010038	ALL OUT -[SET]	1	. 50	o	C	ί	ù	Ů,	¢.	20	c	166
19610639	CALL DUT -[STAB TRIM CUTOUT SWITCHES]	1	1.70	C	C	C	Ċ	С	o	20	Ú	160
19010040	CALL'SUT -[WHEEL WELL FIRE WARNING]	i	2.00	0	C	С	ù	0	O	2¢	C	100
19(1004)	CALL OUT - [PUDDER AND AILEFON TRIM]	l	i.50	С	(	Ĺ	Ċ	U	c	2(	c	160 -
12010042	CALL -[7880]	i	. 70	<b>c</b> .	Ĺ	C	o	Ü	0	20	0	100
19010143	CALL DUT - [PAPERS]	ì	38.	Ü	(·	¢	Ŀ	ø	U	2(	c	160
19010044	CALL OUT -[ABOARD]	1	• 70	С	( ·	Ĺ	ί	C	Ů	2€	c	100
19010045	CALL GUT -[7FW, EPR, AND IAS BUGS]	1	2.50	Ü	ι	<b>C</b> .	Ü	. 0	Ĺ	26	G	166
191 161 46	CALL LUT -[AIRCON- DITIONING PACK]	i	1.30	G	(,	ι	Ć	G	C	20	G	10°C
190 100 47	CALL OUT - CPACKS OFF	i	• 90	c	C	C	С	0	0	20	O	100
190 (0) 49	CALL OUT - ESTART PRESSURE 3	1	.9∪	C	C	C	0	Ú	O	20	0	166
12010(49	CALL OUT -[xxx PSI]	1	1.60	C	Ç	•	Ċ	Ċ	G	2(	Ü	100
15010050	CALL OUT - LAHTI-CUL- LISSIGN LT I	ì	1.20	0	C	(	Ċ	U	Ū	2ί	C	10 C

TASK CODE		S I	DUR Time	CHANNEL		ACTIVITY -		- PER	CENT	OF DUR TI		IE
NC.	TASK NAME/DESCRIPTION	Ť	(SEC)	EV	IV	LH	RH	LF	RF	ĊOG	AUD	VBL
19010051	CALL OUT -[BEFORE START CHECKLIST COMPLETE]	1	1.70	0	0	0	0	0	0	20	0	10C
1P010C52	CALL OUT - (CONTINUE BELOW THE LINE)	1	1.70	0	c	С	C	0	0	20	0	100
19010053	INFORM GROUND CREW [READY FUR FUSHBACK]	1	1.40	C	C	C	Ċ	Ú	C	. 2C	0	100
18010054	GROUND CHEW REPORTS [PCGER]	1	. 80	O	(·	O	O	0	O	20	0	160
12010055	MADIO COMM -[CLEAR- ANCE DELIVERY, THIS IS NASA 515 AT GATE X, IFP TO WASH NATL]	1	5.00	C .	C	С	<b>U</b>	0	C	20	0	100
19010056	MON RADIC COMM-INASA 515, IFR TO WASHING- TON NATIONAL, CLEARD AS FILED. CLIMB AND	1	4.26	c	. (	C	O	0	0	20	100	0
1911/057	MAINTAIN FIVE THOU- SAND FEET, NOISE ABATEMENT PROCEDURES APE IN EFFECT. CON-	1	5.68	c	<b>(</b> ·	C	C	С	O	20	100	U
19010058	TACT ATLANTA DEPAR TURE ON THE TWO FIVE PUINT SEVEN, SQUAWK TWO TWO ONE POINT	1	5.65	C.	(	C	c	Ú	Ü	20	100	t·
19010059	THREE, OVER3	1	1.42	o	•	C	o	¢	U	20	100	c
1.010060	PADIO COMM - LNASA 515, RIGER, CLÉARED AS FILLO, MAINTAIN FIVE THOUSAND, NOISE	1	3.66	e	C	C	Û	Ü	0	20	0	100
19(16(6)	ARATEMENT PROCEDURES IN EFFECT. CONTACT ATLANTA DE PARTURE ON UNI TWO FIVE POINTI,	1	4.88	U	(		G	ů	9	26	0	100
19010062	MON FACIO COMM- ENASA 515, CLEARANCE COFRECT, CONTACT GROUND CONTROL ON	1	3.50	G	(	C	e '	J	e	26	100	e
19010063	ONE TWO ONE POINT NINER REHALL TO TAXI]	ì	2.50	C	(·	С	o	Э	Ú	20	100	C
19016064	RALIG COMM-CNASA 515, ROGER 1	1	1.70	U	Ç.	C	Ĺ	0	O	2i	O	160

TASK		Ş	DUR	CHA	ANNEL ACTIVITY - PERCENT OF DUR TIME							
CODE NC.	TASK NAME/DESCRIPTION	I T	TIME (SEC)	ΕV	ΙV	LH	RН	LF	RF	COG	AUD	VBL
19010065	MON RADIO COMM- LINFORMATION KILO+ ONE SIX ONE ZERO OB- SERVATION, 3000	1	4.08	0	(·	C	0	<b>.</b>	0	20	100	. 0
19010066	SCATTERED, CEILING 5COO BROKEN, VISIBI- LITY TWO THREE, TEM- PERATURE FIVE NINER,	1	5.44	0	C	C	G	0	С	20	100	0
19010667	WIND DNE ONE FIVE DEGREES AT SEVEN GUSTING TO ONE SIX, ALTIMETER TWO NINER	1	5.44	0	Ĺ	(	Ğ	0	, <u>v</u>	26	100	e
19010068	EIGHT SIX. LANDINGS RUNWAYS ZERO EIGHT, NINER PICHT. DEPAR- TURES FUNWAYS ZERO	1	5.44	0	C	C	v	C	U	20	100	$\epsilon$
19010669	EIGHT, NINER LEFT. NOISE ABATEMENT PRO- CEDURES ARE IN EF- FECT. ADVISE CON-	1	5.44	o	C	С	ı	υ	ن -	20	100	U
19010070	RADIU COMM -[ATLANTA GRUUND CUNTROL, THIS IS NASA 115 AT GATE X, REQUEST PERMIS-	1	4.00	G	i.	(	U	Ò	0	20	0	100
19010071	SION TÖ FUSHBACK. WE HAVE INFORMATION KILO, OVERI	1	3.00	C	C	C-	Ć	ú	ù	20	C	100
18010072	MON RABIC COMM- [MASA 511, ATLANTA GROUND, ROGER. CLEAR TO PUSHBACK. ADVISE	1	4.50	Ċ	Ĺ	C	e	<b>C</b>	Ç	20	130	o
1PC10f 73	SEVEN, SQJAKK TWO THE ONE THREE, OVER)	1	2.44	c	c	Ĺ	Ü	o	e	20	C	160
12010074	TRULLER (N INITIAL CONTACT YOU HAVE INFORMATION KILU I	1	<b>4 • (</b> ਰ	Ú	C	(	U	Ç.	Ü	2ů	100	r.
19010075	WHEN READY TO TAXI, OVER.)	1	1.50	o	(.	C	Ĺ	ί	Ü	20	100	e
12010C76	MON INTEH COMM - [ALL CLEAR]	ī	• 9ú	C	C	С	G	υ	С	20	100	C
19020001	MON RABIO COMM + LATO CLEARS NASA 515 AS FILED. SOCLE 9L DEPARTURI, ROUTE JAY	1	4.66	ù	ί	ι	Ĺ	U	С	20	100	Û

TASK CDDE		S I	DUR TIME	CHANNEL		ACTIVITY -		PERCENT		OF OUR TI		I ME	
NC.	TASK NAME/DESCRIPTION	Ť	(SEC)	EV	IV	LH	RH	LF	RF	COG	AUD	VBL	
19020002	EIGHT ONE SIX R JASON ONE STAR. CLIMB AND MAINTAIN FLIGHT LEVEL THREE	1	9.CO	0	C	C	O	0	C	20	100	0	
19020003	THREE ZERO. CONTACT ATLANTA DEPARTURE ON 125.7, SOJAWK 2213, OVER1	1	4.00	0	O	ί	<b>.</b>	Ú	0	20	100	0	
19020004	RADIO COMM - [NASA 515, RUCER. CLEARED AS FILED. SOCLE 9L DEFARTURE, ROUTE JAY	1	4.66	O	C	<b>°</b>	C	0	0	50	0	100	
19020005	EIGHT ONE SIX R, JASON ONE STAR. CLIMB AND MAINTAIN FLIGHT LEVEL THRLE	1	4.60	C	. (	¢	· u	. 0	C	20	0	100	
18030016	THREE ZERD. DEPAR- TURE ON 125.7, SQUAWK 2213, BVER.]	1	4.00	c	(	C	0	0	0	20	0	100	
19020007	CALL OUT-EFLIGHT PLAN ENTERED AND CHECKED]	ì	2•Ců	c	C .	c	ı	٥	0	20	0	100	
TEC SOCIE	CALL GUT-CEADII	ì	1.00	0	C	¢	L	C	o	20	0	100	
19020009	CALL OUT - EGN AND	1	1.00	c		C	L.	O	Ü	20	G	100	
19020010	CALL GLT -[MFD]	1	.60	0	C	c	C	O	C	20	o	100	
18020011	CALL CUT -[NCDU]	1.	1.00	c	(·	ι	C	0	Ú	26	G	100	
19020012	CALL GUT- [AGCS]	ļ	1.00	0	C	r	C	Ç.	c	20	C	100	
150,500,13	CALL OUT-LATT CWS]	1	1.20	C.	C	C	0	٥	C	20	c	160	
197 307 (.)	MON INTEHN COMM - LALL CEEAR]	1	. 90	0	C	C	. 6	0	0	20	166	C	
19030002	INTPHN CCMM - ESTARTING NO.21	1	1.30	0	C	C-	C	Û	o	ZÜ	c	100	
12030013	INTPHN COMM - STARTING NO.11	ì	1.30	0	c	c	0	Û	Ċ	20	c	100	
1P030CE4	CALL OUT +CAFTER START CHECKLISTI	1	1.50	e	(	C	0	0	C	26	U	100	
19030005	CALL OUT - LELECTRI- CALI	ì	. 80	С	C	G	O	0	С	20	o	100	

TASK		S	DUR	CHA	NNEL	ACTIV	iITY -	PERC	ENT	OF DU	R TIM	Ε
CODE	TASK NAME/DESCRIPTION	I T	TIME (SEC)	ΕV	IV	LH	ŖН	LF	RF	C OG	AUD	VBL
19030006	CALL GUT- [GENERA- TORS DN]	1	1.20	0	c	e	C	o	0 .	20	G	100
1963667	CALL GUT -[PITOT HEAT]	1	90	0	0	O	0	0	0	20	0	100
1PC30CC8	CALL CUT- [ANTI-ICE]	1	.90	0	C	C,	v	U	0	20	o	100
19030009	CALL OUT -[NOT REQD]	1	1.00	0	ι	C	<b>o</b> .	G.	v	20	O	106
19036(10	CALL OUT-[AIR CONDI- TIONING AND PRESSU- RIZATION]	1	1.60	0	C	<b>c</b>	O	0	G	20	O	100
1P030011	CALL OUT-(PACKS ON, FLT)	i	1.30	C	C	C	<b>G</b> .	. O	C	20	C	166
1PC30C12	CALL OUT -[START SWITCHES]	1	•90	0	0	0		C	C	26	0	10e
10030013	CALL OUT -[FLT]	1	.60	G	C	c	C	0	C	20	6	160
19030014	CALL LUT -[APU]	1	.80	0	c	C	0	0	O	20	G	166
19030015	CALL OUT -[OFF]	1	.50	C	Ç.	c	С	c	o	20	0	100
1PC30016	CALL OUT -[START LEVERS]	1	1.00	c	(	(·	C	U	O	20	¢.	100
19030017	CALL BUT - [GFF]	1	• 50	0	c	C	Ù	O	o	20	U	100
19030(18)	CALL DUT-ECHECKLIST COMPLETEDI	1	1.40	(	C	C	C	G	0	2ů	e	166
19040001	MGN RADIC COMM — ENASA 535, CROSS RUNWAY ZERO EIGHT, EVER]	1	3.00	c	C	(	C	Ğ	O	20	106	0
19040003	RADIO CUMM -ENASA 515, ROGERI	1	1.70	C	(	C	ι	ũ	0	20	0	100
12040030	MON PADIC COMM- ENASA 515, HOLD SHORT OF NEXT INTER- SECTION, CLÉARED	1	3.60	C	C	r	. ·	o	<b>C</b>	26	100	
18040031	BEHIND EASTERN TRI- JET, OVERI	1	2.00	c	Ç.	(	U	0	0	20	100	C
19646632	MON PADIO COMM - INASA 515, CONTACT ATLANTA TUWER ON ONE ONE NINER POINT	1	3.(∪	í.	C	( -	Ü	U	O	26	100	(

CODE		S	DUR Time	СН	ANNEL	ACTIV	/I <b>T</b> Y -	PER	CENT	OF DU	R TIM	ΙE
NC.	TASK NAME/DESCRIPTION	Ť	(SEC)	EV	IV	LH	RH	LF	RF	COG	AUD	VBL
10040033	FIVE, GVER.1	1	1.00	C	(·	C:	0	0	0	20	100	O
1PC 40C34	RADIO COMM -[NASA 515 ROGER, ONE ONE NINER POINT FIVE.]	1	3.60	G	0	C	0	0	0	20	0	160
1P040035	RADIO COMM -[ATLANTA GROUND CONTROL, NASA 515 READY TO TAXI, OVER]	1	3.50	C	c	C	٠.	0	0	26	C	100
19040036	MON PADIO COMM — INASA 515, TAXI TO RUNWAY NINEK LEFT VIA NORTHEAST-SOUTH-	1	3.50	C	C	C	C	Ú	O	20	100	0
1PC 401 37	WEST TAXIWAY. HOLD SHORT OF RUNWAY ZERO EIGHT, OVERI	1	3.50	0	C	C	o	Э	0	20	100	0
194 400 38	RADIC COMM -[NASA 515, ROGER. TAXI RUNWAY NINER LEFT, HOLD SHOFT RUNWAY	1	3.70	0	L	C	0	0	0	20	0	166
190 400 39	ZERO EIGHT • 1	1	1.25	C	C	Ĺ	C	o	O	20	O	100
1PC70001	CALL OUT -[80 KNOTS]	1	1.10	0	C	<b>(</b> .	Ü	0	0	20	o	100
19070002	CALL CUT -[VI]	1	.90	G	(	c	C.	õ	Ü	20	C	106
19670003	CALL SUT -[VR]	ì	•9û	c	C	(	Ċ	0	Ú	20	C	100
1PC 7@C04	CALL CUT -[GEAR UP]	ì	1.10	¢.	<b>(</b> -	Ċ	Ú	0	Ü	<b>2</b> C	C	160
1P076005	PADIO COMM -LATLANTA TOKER, THIS IS NASA 515. READY FOR TAKE- OFF, PUNNAY NINER	ì	3.60	С	С	Ĺ	O	Ü	C	20	C	100
19070006	LEFT, GVER 1	1	1.20	c	Ĺ	Ĺ	c	U	0	2¢	Ü	100
19676617	MON RADIG COMM - INASA 515, TAXI INTO POSITION AND HJLD, GVERI	1	2.50	G	Ĺ	c	C	Ċ	C	20	100	ć
15076(18	RADIO COMM - 1515, TAXI INTO POSITION AND HOLD, ROGERI	ì	2.50	0	C:	c	0	c	c	20	Ü	100

TASK CODE	•	S I	DUR TIME	CHA	NNEL	ACTIV	ITY	- PER	CENT	OF DU	R TIM	É
NO.	TASK NAME/DESCRIPTION	_	(SEC)	E V	IV	LH -	RH	LF	RF	COG	AUD	VBL
19070009	NON RADIO COMM - CNASA 515 CLEARED FOR IMMEDIATE TAKE- UFF]	1	. 2.50	0.	C	0	Ü	0	. 0		100	0
19070010	RADIO COMM -[515 ROLLING]	1	1.50	C	Ĺ	c	Ċ	0	. 0	20	c	100
10070011	CALL UUT -(TAKEDFF FLAPS)	1 -	1.66	O	C	c	C	0	C	20	0	100
1PC 70012	CALL OUT -[BEFORE TAKEOFF CHECKLIST]	1	1.50	0	o	С	C	c	O	20	O	160
10070013	CALL GUT- [RECALL]	1	1.00	C	C	. <b>c</b>	Ü	. 0	. 0	20	G	100
1PC70C14	CALL GUT-ECHECKED]	1	.80	C	(	C	0	O	0	20	0	100
19070015	CALL DUT-EFLIGHT CONTPOLS)	1	1.00	U	С	(	Ú	· 0.	0	20	U	100
19670616	CALL GUT~[FLAPS]	1	.60	<b>C</b> .	. (	G	. 0	Э	Ü	20	0	100
19070017	CALL OUT -[15,GREEN Light]	1	1.60	0	ι	ć	c	υ	O	20	í	160
19070018	CALL GUT-ESTABILIZER TPIM)	1.	1.20	G	C	<b>C</b>	Ü	o • ;	C	20	0	160
12070019	CALL EUT-ECGCKPIT DOGRI	i	1.60	0	C	C	0	C	Ċ.	20	c	160
191 701 21	CALL GUT-[LOCKED]	1	• 7C	C	ι	C	Ċ	9	Ċ	26	O	106
19070021	CALL TUT-LTAKEOFF BRISFIME]	1	1.00	. <b>C</b>	Ĺ	Ç,	C	Ö	Ü	20	Ú	100
19070022	CALL GUT-EFLY RUN- WAY HEADING UNTIL CROSSING RUMWAY 27R MIDDLE MARKEP. TURN	1	4.50	Û	e	C	Ü	ŭ	υ	26	0	100
19070023	TO HEADING 105 AND CLIMB AND MAINTAIN SCCO. EXPECT VECTORS AFTER NEW HEADING!	1	5.50	C	Ĺ	<b>c</b>	U	O :	c	20	c	100
18070624	CALL OUT-[ROGER]	i	•60	O	ι	(	C	ن	ŭ	2(	û	166
180 76025	CALL GUT-(TRANSPUN- DEF AND RADAR)	1	1.50	C	ι	C	Ċ	0	Ü	2(.	Ú	100
191 7CL 26	CALL LUT- [GN]	ì	.50	c	C	(	Ŀ	ð	Ċ	26	Ŀ	100
10070027	CALL CUT-(INBOARD LANDING LIGHTS)	1	1.50	o	(	ι	Ú	C	Ċ	20	Ü	100

TASK CODE		S I	DUR Time	СН	ANNEL	ACTI	VITY -	- PER	CENT	OF DU	R TIP	1E
NO.	TASK NAME/DESCRIPTION	Ť	(SEC)	EV	IV	LH	RH	LF	RF	CDG	AUD	VBL
18070028	CALL OUT-IBEFORE TAKEOFF CHECKLIST COMPLETED	1	2.20	O	ć	C	0	0	0	20	0	100
1PG70G29	CALL DUT-[XX UNITS]	1	1.40	0	C	C	C	0	o	20	C	100
10070030	CALL DUT -[TRANSPON- DER]	1	.70	C	C	Ĺ	C	C	0	20	Û	100
19070031	CALL DUT -[AGCS]	1	1.10	o	C	c	0	0	0	20	0	100
19070032	CALL OUT -[ATT CWS]	1	1.10	c	C	c	Ĺ	C	Ş	20	C	100
15000001	MON RADIO COMM — ENASA 515, CONTACT ATLANTA DEPARTURE ON ONE TWO FIVE POINT	1	4.50	0	L	<b>(</b> :	C	O	0	20	106	C
150,00005	RADIO COMM -ENASA 515, PEGER I	1	1.70	C	ι	С	O	0	0	20	0	160
19696663	RADIO COMM -CATLANTA DEPARTURE CONTROL, THIS IS NASA 515, OVER1	1	3.50	c	С	C.	0	C	o	20	O	160
120,90005	MUN RADIC COMM- [NASA 515, ATLANTA DEPARTURE, RUGER. SQUAWK IDENT]	1	2.50	C .	(	(	0	G	G	20	100	E
190 900 ± 6	MON RADIC COMM — ENASA 515, RADAR CONTACT, SAY ALTI— TUDE, EVER 1	1	3.20	G	í	·	Ĺ	0	0	. 20	100	0
19690667	RADIO COMM -ENASA 515, LEAVING ONE EIGHT HUNDRED]	1	2.30	0	C	C	Ü	ũ	0	20	0	100
18090006	MON RADIO COMM- ENASA 511, CLIMB AND MAINTAIN FLIGHT LVE 230. COMTACT ATLANTA	ì	3.10	C	c	(	0	0	0	20	160	6
12090(39	CENTER ON ONE TWO THREE POINT NINER FIVE, CVERI	1	3.10	O	C	ć	0	0	C	20	100	C
19690010	RADIO CEMM -[515, ROGER. CLIMB AND MAINTAIN FLIGHT LEVEL IWO THREE ZERO	1	3.50	c	C	C	U	(i	0	20	C	166

TASK	·	2 1	DUR Time	СН	NNEL	ACTIV	ITY -	- PER(	ENT	OF DU	R TIM	£
NO.	TASK NAME/DESCRIPTION	Ť	(SEC)	E V	IV	LH	RH	LF	RF	COG	AUD	VBL
19090011	, CONTACT CENTER ON ONE TWO THREE POINT NINER FIVE, GOOD DAY)	1	3.50	c	<b>.</b>	C	o	o	U	20	G	166
160.46015	RADIO COMM - CATLANTA CENTER, THIS IS NASA 515 OUT OF 1100( FOR FL230,	1	•45	C	c	C	O	0	O	20	С	100
190 90013	OVER 1	1	• 50	0	Ĺ	C	c	0	O	20	c	100
1P090014	MON RADIC COMM - ENASA 515, THIS IS ATLANTA CENTER, ROGEP. SQUAWK IDENTI	1	3.50	0	G	С	0	0	C	20	100	
1pr q0()5	MON RADIO COMM - [NASA 515, RADAR CONTACT. REPORT LEAVING FLZIO, OVER]	1	3.50	G	Ĺ	C	C	С	0	20	100	O
1909GC16	RADIO COMM - INASA 515, RAGER. REPURT FLISHI LEVEL IWO ONE ZEROJ	1	3.50	С	C	Ĺ	C	o	C	20	G	100
19090017	CALL CUT- [AFTER TAKEUFF CHECKLIST]	1	1.26	0	(·	C	Ú	C	e	26	0	100
19(900)8	CALL LUT- ESTART SWITCHES]	1	• 90	0	Ġ	C	C	0	Ċ	20	0	100
שוי שניי שני	CALL GUT[OFF]	1	.50	c	C	C	ប	U	0	20	C	100
10090020	CALL FUT - [LANDING GEAR]	1	• 56	Ü	Ĺ	C	(,	U	0	2ú	.0	re
190,900.81	CALL OUT-CUP AND GFF]	1	1.66	0	ŗ	C	0	C	C	20	ι	100
19090022	CALL OLT -[FLAPS]	1	•60	C	Ĺ	c	Ü	a	U	20	C	100
19090023	CALL (UT -[AFTER TAKEOFF CHECKLIST CCMPLETF)	ĭ	1.96	e	(	c	(	ਦ	¢	20	C	100
12096624	SEVEN, GUID-DAY SIRI	1	1.50	c	(	C	c	J	0	20	100	c
190,900.25	MON RADIO COMM - ENASA 515, FOR VEC- TOR TO INTERCEPT JAY THIRTY SEVEN, TUKN	i	3.(0	O	. (	Ĺ	e	u	G	2ú	100	í

TASK		\$ I	DUR TIME	CH	ANNEL	ACTIV	ITY -	PER	ENT	ÖF DÙ	R TIP	1E
	TASK NAME/DESCRIPTION	Ť	(SEC)	EV	IV	LH	RH	LF	RF	COG	AUD	VBL
12090026	LEFT HEADING ZERD SEVEN ZERD, CLIMB AND MAINTAIN NINER THOUSAND, OVER]	1	4.00	. 0	0	<b>C</b>	0	0	0	20	100	0
19090(27	RADIO COMM -[NASA 515, ROGER. LEFT HEADING ZERO SEVEN ZERO, MAINTAIN NINER	1	4.60	0	c	C	G	0	C	20	0	100
19090028	THOUSAND.1	1	• 50	C	Ĺ	O	C	0	0	20	0	100
10090029	MON RADIC COMM - CNASA 515, CLIMB AND MAINTAIN ONE TWO THOUSAND, OVERI	1	3.50	0	O	0	0	0	0	20	100	0
19090030	RADIO COMM - ENASA 515, RUGER. MAINTAIN ONE TWO THOUSANDI	1	2.80	0	C	C	0	O	0	20	0	100
10090031	MON RADIO COMM - [NASA 515, MAINTAIN FLIGHT LEVEL ONE EIGHT ZERO. TRAFFIC	1	3.75	0	C	С	0	0	0	20	100	0
19090032	TWELVE OSCLOCK, FOUR MILES, NORTHEAST BOUND, C-13C ASSIGND FLIGHT LEVEL ONE	1	5.00	0	C	C	O	0	O	20	100	0
10090033	NINER ZEFO, OVER]	1	1.25	C	C	. (	0	0	0	20	100	0
1PC90034	RADIO COMM - ENASA 515, RUGER. MAINTAIN FLIGHT LEVEL ONE EIGHT ZERD. WE HAVE	1	4.60	O	C	C	0	0	0	20	O	100
10090035	TRAFFIC IN SIGHT3	1	1.00	0	C	C	٥	0	0	20	0	100
1P090036	MON RADIO COMM — ENASA 515, CLEAR OF TRAFFIC, CLIMB AND MAINTAIN FLIGHT	1	3.00	0	C	C	C	0	<b>0</b>	20	100	O
1PC90037	LEVEL TWO THREE ZERO • REPORT LEAVING FLIGHT LEVEL TWO ONE ZERO, OVER]	1	4.60	e	¢	(	0	o	0	20	100	U
1PC 90038	RADIO COMM - [NASA 515, FOGER. MAINTAIN TWO THPFE ZERO. REPORT LEAVING TWO	1	3•50	C	0	С	O	0	0	20	0	100
19090039	ONE ZERG.]	1	• 50	C	C	C	U	0	c	20	0	100

7.66		_	<b>5</b> 115					3.50				-
TASK CODE		S I	DUR Time	СНА	INNEL	ACTI	ATIA -	PEK	CENI	OF DU	K IIM	t
NO.	TASK NAME/DESCRIPTION	T	(SEC)	ΕV	ΙV	LH	RH	ĻF	RF	COG	AUD	VBL
19090040	RADIO COMM -[ATLANTA CENTER, NASA 515. LEAVING FLIGHT LEVEL TWO ONE ZERO, OVER]	1	4.00	C	C	C	0	G	0	26	C	100
12090641	MON RADIO COMM - Enasa 515, Roger. Climb and Maintain Flight Level Three	1	3.50	U	r	(.	Ç	0	0	20	100	0
19040042	ONE ZERO. CONTACT CENTER ON ONE THREE THREE POINT SEVEN, OVER]	1	3.50	O	ι.	C	O	υ	Ü	20	100	ί
19090043	RADIO COMM - ENASA 515, REGER. MAINTAIN FLIGHT LEVEL THREE ONE ZERO, CENTER ON	1	3.70	0	<b>C</b> .	O	0	ů	¢.	20	O	106
18690044	ONE THREE THREE POINT SEVEN.]	1	2.30	(;	(	(	ί	Ú	C	2¢	C	166
190 90045	RADIO COMM -[ATLANTA CENTER, THIS IS NASA 515 OUT OF FLIGHT LEVEL TWO THRES ZERO	1	3.70	(·	C	Ĺ	Ĺ	6	Ċ	20	c	100
19090046	FOR TWO NINER ZERO, OVER).	1	2.30	C	(	(,	Ü	Ú	Ċ	20	Ů ^	160
1809((47	MUN RAUIU COMM - INASA 515, ATLANTA CENTER, ROGER. SOUAWK IDENT. REPORT	1	2.70	C	(	(,	Û	- <b>G</b>	(.	21	100	(.
120 90 : 48	LEAVING FLIGHT LEVEL TWL EIGHT ZERO; OVER]	i	3 • 30	<b>(</b> .	(	ι	C	v	0	20	100	O
1Pr. 90( 49	RADIO COMM -ENASA 515, KUGFR. REPORT FLIGHT LEVEL TWO EIGHT ZEFO.)	ı	4.LÚ .	O	c	C	Û		U	20	100	<b>(</b> ·
10030095	RADIC COMM - CATLANTA CENTER, MASA 515 LLAVING FLIGHT LEVEL TWO EICHT ZERO, ÜVER]	i	4.66	Ü	r	(	(·	С	ŋ	20	(°	166
180 96051	MON FABIC COMM- Enasa 515, Roger. Climb and maintain Feight Level Tau	i	3.50	C	(·	(	ŀ	J	С	20	100	0
18650052	NINER 7890, OVER1	1	1.50	¢	E	C	Ü	U	0	20	100	c

TASK CODE		S	DUR	CH	NNEL	ACTIV	İITY -	PER	CENT	OF DU	R TIM	E
	TASK NAME/DESCRIPTION	Ţ	TIME (SEC)	EV.	IV	LH	RH	LF	RF	COG	AUD	VBL
19090053	RADIO COMM - [NASA 515, ROGER MAINTAIN FLIGHT LEVEL TWO NINER ZERO J		<b>4.00</b>	0		0		0		20	<b></b>	100
19090054	MON RADIO COMM - [NASA 515, CLIMB AND MAINTAIN FLIGHT LVL THREE THREE ZERO.	1	3.50	0	o ¯	Ö	O	0	0	20	100	0
1P090055	CONTACT CENTER ON ONE THREE FOUR POINT FIVE FIVE, OVER)	1	3.50	0	C	C	C	0	0	20	100	O
19090056	RADIO COMM - (NASA 515, ROGER MAINTAIN FLIGHT LEVEL THREE THREE ZERO, CENTER	1	4.00	0	C	0	0	0	O	20	0	100
19090057	ON ONE THREE FOUR POINT FIVE FIVE.]	1	2.00	0	C	C	0	O	0	20	0	100
19090058	RADIO COMM -[ATLANTA CENTER, NASA 515 LEAVING FLIGHT LEVEL TWO NINER ZERO FOR	1	4.00	0	C .	0	0	0		20	0	106
19090059	FLIGHT LEVEL THREE THREE ZERD, OVERJ	1	2.00	0	C	0	C	0	0	20	0	100
19090060	MON RADIO COMM — Enasa 515, atlanta Center, roger, Squawk ident	1	3.50	0	C	c	0	C	0	20	100	0
19090063	MON RADIO COMM - [NASA 515, RADAR CONTACT. REPORT LEVEL AT FLIGHT	1	3.50	0	С	C	0	0	G	20	100	С
1P090062	LEVEL THREE THREE ZERO, GVER 1	1	2.00	o	C	O	0	0	0	20	100	0
12090063	CALL OUT-EFLAPS 13	1	. 80	0	c	c	0	0	0	20	0	100
10090064	CALL OUT -[FLAPS ZERO]	1	. 80	0	0	0	0	0	0	20	0	100
19090065	CALL OUT - Espartamburg vor on Nav 2]	1	2.50	C	O	C	O	0	0	20	0	100
19090066	CALL OUT - EGORDONSVILL VOR ON NAV 13	1	2.50	0	0	c	0	0	0	20	0	160

TASK		2	DUR TIME	СНА	NNEL	ACTIV	/ITY -	PER	CENT	OF DU	iR TIM	É
NO.	TASK NAME/DESCRIPTION	Ť	(SEC)	EV	IV	LH	RH	LF	RF	COG	AUD	VBL
19090667	CALL OUT - CONE THOUSAND FEET TO LEVEL OF)	1	1.70	0	C		0	C	0	20	O	100
12090668	RADIO COMM - CATLAN- TA DEPARTURE, THIS 15 NASA 515, OVERI	1	3.10	0	0	(·	0	0	0	20	0	100
18090069	MON RADIO COMM - ENASA 515, CONTACT ATLANTA CENTER ON ONE TWO THREE POINT	1	4.60	C	C	C	i	C	0	20	100	0
191-966.70	NINER FIVE, OVERI	1	1.50	0	(	Ĺ	C	0	0	20	100	C
10040073	RADIU COMM - CNASA 515, FOGER. ONE TWO THREE PCINT NINER FIVE.J	1	3.7û		C	r	U	Ċ	0	20	100	0
18696674	MON RADIO COMM - INASA 515, ROGER. CONTACT CENTER ON ONE THREE THREE	1	4.66	C	Ĺ	Ĺ	G	o	O	20	160	ć
19090075	POINT SEVEN, OVER1	ì	1.00	0	(	t	Ü	c	0	20	100	o
18090076	RADIG COMM - (515) ROGER. ONE THREE THREE POINT SEVEN.]	1	3.10	C	Ŀ	C	l	Ú	C	20	0	160
1P( 90877	RADIO CUMM -FATLANTA CENTER, THIS IS NASA 515 LEAVING FLIGHT LEVEL-TWC ONE ZEPO	1	3.40	<b>c</b> .	C.	Ċ	(·	C	n	20	O	100
19090178	FOR HITGHT LEVEL THREE THREE THREE ZERG, OVER.1	1	3.45	C	ť	C	C	υ	(:	20	. 0	166
19090079	MUN FACIL CCMM - [NASA 515, MAINTAIN FLIGHT LEVFL TWU SIX ZERO, TPAFFIC AT	1	3.00	c	r	(	Ü	G	Ü	20	100	6
1PC 900 SE	TWELVE C#CLCCK, FOUR MILES, NCPTHEAST BOUND, C-L30 ASSIGN- ED FLIGHT LEVEL TWG	1	4 • 21,	Ċ	(	· ·	Ú	0	G	20	100	U
15090061	SEVEN ZEPJ, OVERJ	1	2.60	¢.	· c	Ċ	Ċ	Ú	c	20	100	•
19090082	PADIO COMM- 1515, ROGER. MAINTAIN FLIGHT LEVEL THO SIX ZERO. WE HAVE TRAF-	l	3.30		C	C	G	Ü	0	20	C	100

TASK CCDE		S I	DUR TIME	CH	ANNEL	ACTI	VIIV -	- PER	CENT	OF OU	R TIM	ιE
NO.	TASK NAME/DESCRIPTION	Ť		<u> </u>	IV	LH.	RH	LF	RF	COG	AUD	VBL
10090083	FIC IN SIGHT.	1	1.10	O	C	C	0	0	0	20	0	100
19090084	MON RADIO COMM — [NASA 515, CLEAR OF TRAFFIC. CLIMB AND MAINTAIN FLIGHT LEV—	1	3.10	Ö	Ò	Ö	0	0	0	20	100	0
19090065	EL THREE THREE ZERO. REPORT LEAVING TWO EIGHT ZERO, OVER.]	1	3.10	0	C.	C	0	0	0	20	100	0
10090086	RADIO COMM - 1515, ROGER, MAINTAIN THREE THREE ZERO, REPORT LEAVING TWO	1	3.00	0	C	0	0	0	0	20	O	100
10090087	EIGHT ZERD.]	1	1.00	0	0	O	C	0	0	20	0	100
19090088	MON RADIO COMM - ENASA 515, CLIMB AND MAINTAIN FLIGHT LEV- EL THREE DNE ZERO,	1	3.00	C	0	0	0	0	0	20	100	0
10090069	OVER+]	1	.50	0	ι.	c	C	٥	0	20	100	0
12090090	RADIO COMM - [515, ROGER. MAINTAIN FLIGHT LEVEL THREE ONE ZERO.]	1	3.60	0	С	C	0	O	. 0	26	0	100
19090091	RADIO COMM -[ATLANTA CENTER, NASA 515 LEAVING FLIGHT LEV- EL THREE ONE ZERO	1	3.00	0	O	C		0	0	20	0	100
10090092	FOR FLIGHT LEVEL THREE THREE ZERD, EVER.)	1	3.00	0	C	C	o	0	0	20	o	100
19090093	RADIO COMM -[ATLANTA CENTER, THIS IS NASA 515 DUT OF ELEVEN THOUSAND FOR FLIGHT	1	4.00	С	C	O	C	0	0	20	0	100
1PC90C94	LEVEL THREE THREE ZERO, OVER.J	1	1.50	. 0	C	ć	C	0	0	20	. 0	100
10090095	CALL OUT -[ALTIMETER BARD SETTING IS TWO NINE POINT NINE TWO]	1	3.00	0	. C	c	0	0	0	20	0	100
19090096	CALL OUT- [SPARTAN- BUR VÜR IS ÜN NAV 1]	1	2.00	C	C	O	0	0	0	20	0	100

TASK CODE		S I	DUR Time	СНА	NNEL	ACTIV	ITY -	PER	CENT	OF DU	R TIM	E
NO.	TASK NAME/DESCRIPTION	Ť	(SEC)	EV	IV	LH	RH	LF	RF	COG	AUD	VBL
1PR9EAC1	CALL DUT-(INITATE FIRE CONTROL PROC.)	1	1.50	O	C	<b>C</b> ·	0	0	0	20	0	100
1PB9EAC2	CALL OUT (MONITORING NO.1 FIRE WARNING LIGHT)	1	2.00	Ü	C	C	o	0	0	20	0	100
1PB9EAU4	CALL OUT (THRUST LEVER TO IDLE)	1	1.30	0	C	(	<b>C</b>	0	0	26	c	100
1PR9EAD6	CALL OUT (NC.1 START LEVER TO CUT OFF)	1	1.40	0	ι	ί	Ć.	C	e	20	U	100
19895406	CALL DUT (FIRE WARNING SWITCH PULL)	1	1.30	o	C	ι	C.	O	C	20	100	U
1563E436	CALL OUT (FIRE WARNING STILL ON, HANDLE ROTATION NOW)	1	3.00	O	C	C	U	õ	0	26	0	100
1P84E411	CALL DUT (LEFT BBTTLE DISCHARGING)	1	1.50	c	C	D	C	Ü	0	20	ů	166
10896412	CALL OUT (FIRE EXTINGUISHED)	ı	.50	0	C	C.	o	o	ō	20	C	100
19896413	RADIO CCMM (ALT DEP CONTROL-MASA 515- ENGINE FIRF-FXI REG.EMEFG.APP.)	1	£.80	O	C	c	C	Ú	G	20	G	100
1289FA14	RADIO COMM(NASA-515 UNDERSTAN) ENG.FIRE OUT-EMERG.APP REO- TURN LEFT 360 DEGREE	1	3.80	v	(;	ι	C	υ	С	20	o	160
1989E427	MAINTAIN SPEED AND ALTITUDE SOUWNK 7766 + IDENT)	l	3.00	o	C	C	C	0	0	2ü	O	166
1PB9EA15	RADID COMM(ALT.D.C 115 TURN LEFT 36CDEG BOH+2/A MIATMIAM (TM+CI+1767.02	1	11.00	G	(	C	(	ა	o	20	0	100
1PB9EAle	CALL GUT(MASTER FIRE WARNING OFF)	1	1.50	С	20	C	O	o	0	20	0	100
15898417	CALL OUT(NEG.NO.1 THRUST LEVER TO IDLE)	1	1.50	(	20	c	ι	Ú	0	20	(.	100
12696418	CALL LUT(ENG.NG.1 START LEVER UFF)	i	1.50	c	2(	c	ι	G	O	20	0	100

TASK	<del></del>	S I	DUR Time	СН	ANNĒL	ACTĪV	ITÝ ·	- PER	ENT	ÖF DU	R TIM	ΙE
NG.	TASK NAME/DESCRIPTION	Ť	(SEC)	EV	IV	LH	RH	LF	RF.	C De	AUD	VBL
1PB9EA19	CALL DUT(ENG.FIRE WARNING SW PULLED)	1	1.50	0	20	C	0	0	٥	20	0	100
1PB9EA2C	CALL OUT(ISOLATION VALVE SW. CLOSED)	1	1.50	O	20	0	0	0	0	20	0	100
1PB9EA21	CALL OUT(APU BLEED VALVE OFF)	1	1.50	O	20	c	0	0	0	20	0	100
1PB9EA22	CALL GUT(APU START)	1	1.50	0	C	C	O	0	G	20	0	100
1PB9EA23	CALL OUT(FUEL, ELEC., AND WING ANTI-ICE ADJUSTED)	1	3.50	0	26	Ċ	0	Ü	0	20	G	100
1P89EA24	CALL GUT(NO.1 AFT +FWD FUEL AND GEN. SW. OFF)	1	4.20	0	O	C	0	0	0	20	0	100
1P89EA25	CALL DUT(WING ANTI-ICE ADJUSTED)	1	1.50	o	C	C	Q	o	0	20	O	100
1PB9EA26	CALL GUT(MASTER CAUTION LIGHT OFF)	1	1.50	0	<b>C</b>	C	0	0	0	20	C	100
1PC 9FEC1	CALL GUT-CSYS & PUMP NO. 1 GVERHEATED]	1	2.70	0	C	c	0	0	O	20	0	100
1P09FE02	CALL DUT-EPUMP SWITCH GFF]	1	1.50	0	o	o	0	0	0	20	0	100
1PC9FEC3	CALL GUT-ECHECKLIST COMPLETED	1	1.60	0	C	C	. 0	o	0	20	0	100
1P11FD01	CALL OUT-ESYSTEM B LOW PRESSURE]	1	2.00	o	O	C	С	0	0	20	O	100
1P11FDC2	CALL OUT-ESYSTEM B FLT CONTROL SW-STBY RUDDER]	1	3.70	O	C	C	O	0	0	20	· 0	100
1P11FD03	CALL CUT-ESYSTEM B HYD PUMPS-OFF]	1	3.60	0	0	C	0	0	0	20	0	100
1P11FD04	CALL OUT-LAUTOPILOT HYD SYS SELECTOR- SYS AJ	1	4.20	0	C.	C	C	0	0	20	0	160
1P11AFC1	CALL OUT-END 2 DIL FILTER BYPASSI	1	3.20	(·	C	Ĺ	C	Ü	0	20	0	100
1911AFC2	CALL GUT-FLITE OUT AT XXX FPR]	1	3.50	0	0	0	0	0	0	20	0	100

TASK		S I	DUR Time	CHA	NNEL	ACTIV	'ITY -	PERO	CENT	OF DU	R TIM	E
NO.	TASK NAME/DESCRIPTION	Ť	(SEC)	EV	IV	LH	RH	LF	RF	CDG	AUD	VBL
19110801	CALL OUT-[ELECTRICAL FAILURE]	1	2.10	0	O	<b>.</b> 0	0	. 0	0	20	0	100
19110802	CALL OUT-END 2 CSD LGW DIL PRESSURE]	1	4.CO	C	c	6	0	Ú	Ú	. 20	0	166
1P11CB03	CALL OUT-CAPU ON NO. 2 BUS]	1	3.70	C	0	0	o	0	0	20	0	100
1P11C804	CALL OUT-EGEN DRIVE DISCONNECT SWITCH- DISCONNECT )	1	3.70	C	C	C	¢	0	C,	20	c	160
IP11CSC5	CALL DUT-E APU-START, ON BUS]	1	4.00	C	C	C.	C	0	ű	20	Ú	100
19110001	RADIO COMM -[ATLANTA CENTER, THIS IS NASA 515 LEVEL AT FLIGHT LEVEL THREE THREE	1	4.60	C	С	c	C	0	C	20	0	100
19110002	ZERO, OVERJ	1	.20	O	C	Ú	¢.	O	o	20	0	100
1P110C63	MON RADIC COMM - Enasa 515, rogeri	1	1.70	c	C	C	c	0	0	20	0	100
19110004	RADIO COMM -[ATLANTA CENTER, THIS IS NASA 515. REQUEST VECTORS FOR RETURN TO	1	4.00	. ¢	C		C	ů,	c	20	0	100
19110005	LASVC , ATRAITA	1.	1.60	G	C	C	C	j	υ	20	c	100
1911(cf.6	MON RADIL COMM - ENASA 515, ROGER. STANDBY FOR INSTRUC- TIONS]	1	3.00	¢	Ċ	С	C	٠ · · ·	U	20	100	Ċ.
121160%7	NON RADIO COMM - ENASA 515, FOR VEC- TOR TO INTERCEPT LANIER SIX ARRIVAL,	1	3.60	C	<b>G</b> .	(	(·	G	U	20	100	(.
19110000	PULASKI TRANSITION; TUPN LGFT HEADING TWO SEVEN ZERO. CUN- TACT ATLANTA CENTER	1	4.68	c	(	C	O	U	¢	20	100	O
19110009	GN ONL THREE FIVE PCINT THREE FIVE, UVER)	Ţ	2.44	Ü	e	c	o	G	. 0	20	100	ō

TASK CODE		S I	DUR Time	ČH/	NNEL	ÄCTI	ITY -	- PER	CENT	OF DU	R TIP	IE
	TASK NAME/DESCRIPTION	Ť		LEV .	IV	LH	RH	LF	RF	COE	AUD	VBL
1P110010	RADIO COMM - 1515, ROGER. LEFT HEADING TWO SEVEN ZERO, LANIER SIX ARRIVAL,	1	4.00	O	C -	0	0	0	0	20	0	100
19110011	CENTER ONE THREE FIVE POINT THREE FIVE. 1	1	3.60	0	O	C	0	0	0	20	0	100
19110012	RADIO COMM - LATLANTA CENTER, THIS IS NASA- 515 LEVEL AT THREE THREE ZERO TURNING	1	3.50	0	e	C	O	0	0	20	0	100
1P110012	TO TWO SEVEN ZERO, OVERJ	1	1.50	0	0	Ċ	C	0	0	20	0	100
19110014	MON RADIO COMM - INASA 515, ROGER. SQUAWK IDENTI	1	2.50	C	C	0	C	0	0	20	100	O
19110015	MON RADIO COMM- [NASA 515» RADAR CONTACT]	1	2.00	C	¢	O	C	0	O	20	100	C
19110016	MON RADIO COMM — [NASA 515» DESCEND AND MAINTAIN FLIGHT LEVEL THREE ONE ZERO	1	3.50	0	C:	C	Ú	0	0	20	100	C
19110017	• CONTACT CENTER ON ONE THREE TWO POINT SEVEN FIVE, OVER)	1	3.50	0	<b>C</b>	<b>(</b> ,	ú	0	0	20	100	U
19110016	RADIO COMM -[NASA 515, ROGER. MAINTAIN FLIGHT LEVEL THREE ONE ZERO, CENTER	1	4.00	0	¢.	0	0	0	0	20	0	100
19110019	ONE THREE TWO POINT SEVEN FIVE.	1	2.60	С	C	C	O	0	0	26	0	100
1P11002C	CALL OUT - CPULASKI VOR ON NAV 13	1	2.50	c	C	c	0	0	0	20	O	100
19130001	NON RADIO COMM - ENASA 515, FOR VEC- TORS TO INTERCEPT JAY EIGHT FIFTEEN R,	1	3.70	О	C.	<b>(</b> ;	٥	C	C	20	100	0
1P130002	TURN LEFT HEADING TWO SEVEN ZERO, OVER	1	2.50	0	c.	C	0	0	0	20	100	0
19130003	RADIO COMM - [5]5, ROGER. LEFT HEADING TWC SEVEN ZERO)	1	2.70	С	(	C	c	9	O	20	0	100

TASK		Ş	DUR	CH	MNEL	ACTIV	ITY -	PERC	ENT	OF DU	R TIM	E
CODE NO.	TASK NAME/DESCRIPTION	Ţ	TIME (SEC)	€V	IV	LH	RH	LF	RF	c os	AUD	VBL
19130004	MON RADIC COMM - ENASA 515, YOU ARE CLEARED TO THE AT- LANTA INTERNATIONAL	1	4.50	C	C	G V	С	υ.	0	20	160	c
1P1300/C!	AIRPORT VIA JAY EIGHT FIFTEEN R AND SHINE CH DNE STAR. PTA AT LAYESIDE IS	1	4.50	Ů	c	C	C	ů	C	20	100	(,
1P130006	TEN TWENTY ONE OH OH, OVER]	1	.50	c	C	C	C	O	Ü	20	100	U
19130CC7	MON RADIC COMM - ENASA 515, CONTACT CENTER ON ONE THREE FIVE POINT THREE	1	4.60	O	Ċ	C	ů	o	υ	20	160	Ó
1P130CCE	FIVE, OVER 3	1	• 30	0	. (	C	tj.	Ö	0	20	100	C
19130009	RADIO COMM - [515, ROGER. ONE THREE FIVE POINT THREE FIVE(	1	3.10	O	<b>U</b> .	C	Ú	u	<b>0</b>	20	C	100
19130010	RADIO COMM - [515, ROGER. CLEARED TO ATLANTA VIA SHINE OH ONE. PTA LAKESIDE	1	4.00	C	C	C	С	o	O	20	c	106
19130011	TEN TWENTY ONE OH	1	3.50	O	C.	(	c	Ü	Ċ	20	U	100
19140CC1	RADIO COMM -[ATLANTA CENTER, THIS IS NASA 515 LEAVING FLIGHT LEVEL THPEE THREE	1	4.00	U	C.	(	Ç.	U	C	26	ù	100
19140002	ZERO FOR FLIGHT LVL THREE CNE ZERO, OVER	i	2.00	G	Ĺ	(	Ċ	U	Ü	20	G	166
1914(003	NCN RACIC COMM — INASA 515, ATLANTA CENTER, ROGER. SGUAWK IDENTI	1	3 <b>.C</b> 0	Ċ	C	Ĺ	C	0	U	20	100	(;
1P14C(04	MON FADIG COMM - LNASA >15. FADAR CONTACT]	1	2.(6	Ü	(	ι	Ù	Ċ	0	20	100	Ü
19140005	MON RADIC COMM - INASA 515, FOR VEC- TOF TC INTERCEPT PULASKI TWO TWO FIVE	i	3.27	0	C	С	Ċ	0	υ	20	100	Ģ.

TASK		Ş	DUR	CH	ANNEL	ACTIV	ŽITÝ ·	- PER	CENT	OF DU	R TIP	IE
NO.	TASK NAME/DESCRIPTION	I T	TIME (SEC)	EV	IV	LH	RH	LF	RF	COG	AUD	VBL
1P1 4G006	RADIAL, TURN LEFT HEADING TWO FOUR ZERO, CLEARED TO THE ATLANTA INTERNA-	1	4.36		<b>C</b>	<b>C</b>	0	0	0	20	100	0
1P140CC7	TIONAL AIRPORT VIA THE LANIER SIX AR- RIVAL, PULASKI TRAN- SITION, OVER]	1	4.36	0	0	G	0	0	C	20	100	0
19140008	RADIO COMM -[515, ROGER. LEFT HEADING TWO FOUR ZERO FOR PULASKI TWO TWO FIVE	1	4.00	0	C	C	C	0	0	26	0	100
1P140CC9	RADIAL, LANIER SIX ARRIVAL.]	1	2.60	0	C	o	0	0	0	20	0	100
19140616	MON RADIO COMM - INASA 515, CONTACT CENTER ON ONE THREE TWO POINT EIGHT, OVER	1	3.50	0	C	C	C	0	0	20	100	(i
1P140011	RADIO COMM -[NASA 515, ROGER. ONE THREE TWG PUINT EIGHT.]	1	3.50	0	<b>C</b> .	C	0	0		20	0	100
18140612	RADIO COMM -[ATLANTA CENTER, MASA 515 LEVEL AT FLIGHT LVL THREE ONE ZERO,OVER]	1	4.00	C	C	C	C	o	G	20	0	100
1P140C13	MON RADIO COMM — [NASA 515, ATLANTA CENTER, RIGER. SQUAWK IDENTI	1	3.00	C	C	C	C	Ů	0	20	100	G
19140014	MON RADIO COMM- [NASA 515, RADAR CONTACT]	1	2.60	0	С	O	0	0	0	20	100	O
19140015	MON RADIO COMM — [NASA 515, DESCEND AND MAINTAIN FLIGHT LEVEL TWO FOUR ZERO.	1	3.90	O	(	C	O	J	0	20	100	С
1P14CC16	REPORT LEAVING FLT LEVEL TWO SIX ZERO, OVER]	1	2.60	0	C	C	0	0	0	20	100	o
1P140C17	RADIO COMM -[515, ROGER. MAINTAIN FLT LEVEL TWO FOUR ZERO. REPORT FLIGHT LEVEL	1	4.00	0	c	0 (	0	0	. C	20	0	100
1P14C(18	TWD SIX ZEROI	1	1.00	0	0	C	0	0	0	20	G	100

TASK CODE		S I	DUR' TIME	CHA	NNEL	ACTIV	VITY -	PER	CENT	OF DU	R TIM	E
NO.	TASK NAME/DESCRIPTION	Ť	(SEC)	٤٧	IV	LH	RH	LF	RF	COG	AUD	VBL
1P140019	RADIO COMM -[ATLANTA CENTER, NASA 515 LEAVING FLIGHT LEVEL TWO SIX ZERO, OVER]	1	4.00	0	C		0	0	0	20	0	100
1P140G20	MON RADIC COMM - ENASA 515, DESCEND AND MAINTAIN ONE ONE THOUSAND, CONTACT	1	3.75	0	O	C	0	Ü	С	20	100	6
1P140021	CENTER ON ONE TWO FIVE PUINT TWO, OVER]	1	2.50	0	C	C	0	0	0	20	100	c
19140022	RADID COMM -[NASA 515, ROGER. MAINTAIN ONE UNE THOUSAND, CENTER ONE TWO FIVE	1	4.00	0	C	Ç	0	Û	υ	20	O	100
19140023	PUINT TWG.]	1	1.00	0	C	C	Ç.	û	C	20	0	100
19140024	FADIO COMM - CATLANTA CENTER, THIS IS NASA 515 LEAVING FLIGHT LEVEL TWO FIVE ZERO	1	4.00	С	С	Č	U	U	C	26	o	160
19140(25	FOR ONE ONE THOU- SAND, OVER 1	1	2.00	e	Ċ	C	Ú	U	0	26	o	106
1P140(26	MON RADIO COMM - ÎNASA 515, ATLANTA CENTER, ROGER. SQUAJK IDENT. ALTI-	1	3.50	o	C	C	C	0	0	20	100	Ú
1P14r-C27	MFTER TWG NINER POINT EIGHT EIGHTI	1	2.50	С	ι	(.	0	0	0	20	100	G
1914(728	MON RACIC COMM - ENASA 515, MAINTAIN ONE FIVE THOUSAND. CLEARANCE LIMIT IS	1	4.60	0	(	C	C	o	0	20	100	. 0
19146629	NOW LAMIER INTERSECTION. HOLD NORTHWEST OF FIX ON NORCROSS ZEFO FOUR ONE RADIAL	1	5.33	e	C.	(	· U	C	Ű	20	100	(;
1214(i) 3t	ONE AND ONE-HALF MINUTE RIGHT TURNS. EXPECT FURTHER CLEARANCE AT ONE	1	5.33	C	(	C	c	o	0	20	100	C
19140031	SEVEN ONE FIVE, OVER 1	1	1.33	С	O	O	c	0	0	20	100	c
12140032	FACIO COMM - (315) FÜGER. MAINIAIN ÜNE FIVE THÖUSAND. HOLD MURTHWEST OF LANIER	ì	4.50	0	Ċ	Ģ	0	o	Ú	20	o	160

TASK		2 1	DUR Time	CH	ANNEL	ACTI	VITY .	- PER	CENT	OF DU	IR TIN	1E
NC.	TASK NAME/DESCRIPTION	Ť	(SEC)	ΕV	ΙV	LH	RH	LF	RF	COG	AUD	VBL
19140033	INTERSECTION, RIGHT TURNS.]	1	1.50	C		<b>.</b>	0 .	0	. 0	20	0	100
1P140(-34	MON RADIO COMM - ENASA 515, CLEARED TO ATLANTA INTER- NATIONAL AIRPORT VIA	1	3.27	0	c	С	0	0	0	20	100	0
19140035	LAST FOUTING CLEARED INCREASE SPEED TO TWO THREE ZERO KNOTS DESCEND AND MAIN-	1	4.36	o	C	c	0	o	O	20	100	C
10140036	TAIN ONE INE THOU- SAND. EXPECT AN ILS PUNWAY ZERO EIGHT APPROACH, OVERI	1	4.36	G	C	C		n	· O	20	100	U
1P140037	FADIO COMM -[515, ROGER. INCREASE SPD TWO THREE ZERO. MAINTAIN ONE ONE	1	4.50	O	c	C	O	Ü	. 0	20	O	100
19140138	THOUSAND]	1	. 50	c	¢	Ĺ	Ü	3	G	20	G	166
19140039	MON RADIC COMM - ENASA 515, CONTACT APPRDACH CONTROL ON ONE TWO SIX POINT	1	4.(0	¢	(	ı	Ċ		Û	20	100	C
19140648	NINER. OVERI	1	1.60	L	C	(	0	С	C	20	100	O
1P140041	RADIO COMM -ENASA 515, PLGER. APPROACH ON ONE TWO SIX POINT NINEKI	1	4.60	(·		(	Ù	o	0	20	. 0	100
10140042	CALL CUT -[TOCCOA VOR ON NAV 2 ]	1	2.30	(·	(	(	c	<b>U</b>	C	<b>2</b> 6	С	100
10140042	CALL OUT - CALTIMETER SETTING IS TWO NINER POINT EIGHT!	i	2.40	C.	C	c	O	0	Ü	20	0	100
19140(44	CALL GUT -[NURCROSS VOR EN NAV 1 ]	1	2•3ŭ	G	(	Ĺ	C	o	C	20	0	100
10140145	CALL CUT -[1000 FEET TO LEVEL DEF]	1	1.70	c	(	ί	Ÿ	ن	Û	20	Ü	100
19140146	CALL EUT -[CHATA- NUGA VCF ON NAV 2]	ı	2.30	0	c	ι	c	0	0	20	0	100
19140(47	CALL OUT -[THIRTY SECONDS]	ì	.60	Ċ	(	ι	e	U	G	<b>2</b> 0	0	166

	•	· ·								··		_
TASK CODE		S I	DUR Time	CHA	NNEL	ACTIV	ITY -	PER	CENT	OF DU	R TIM	E
NO.	TASK NAME/DESCRIPTION	T	(SEC)	٤V	IV	LH	RH	LF	RF	COG	AUD	VBL
1P140048	CALL OUT -[SIXTY SECONDS]	1	.80	0	0	<b>.</b> C	0	0	. 0	20	O	100
19140049	CALL DUT -[EIGHTY FIVE SECONDS]	1	.80	0	C	C	С	0	e	20	0	106
1P150( C1	MON RADIO COMM — [NASA 515, REPORT LEAVING FLIGHT LEVEL TWO SIX ZERO. ALTI—	i	4.60	O	0	C	Ü	O	O	26	100	()
19150002	METER TWO NINER EIGHT EIGHT, OVER]	1	2.00	c	<b>c</b>	O	Ü	C	0	20	100	o
1P150003	RADIO COMM - [515 ROGER. REPORT FLIGHT LEVEL TWO SIX ZERO.]	1	3.00	0	C	C	C	û.	0	20	O	100
19150175	MON RADIO COMM - ENASA 515, ROGER. CONTACT CENTER ON ONE TWO FIVE POINT	1	3.00	O	(	C	Č.		o	20	106	G
19150006	TWO, OVER. 1	1	1.50	C	c	c	c	С	0	20	100	C
19150007	RADIO COMM - (515, Ruger. Center one Iwo five point two.]	1	3.30	C .	Ç	ι	· c	0	ú	20	0	100
1P150008	MGN RADIE COMM + ENASA 511, ATLANTA CENTER, FOGER. SQUAWK IDENTI	1	3.70	G	Ĺ	c	0	0	Ō	20	100	Ü
19150009	MGN RADIC CCMM + Enasa 515, due to Traffic your planned Time of Arrival at	1	4 <b>.</b> CC	C	C	C	li	Ü	O	26	100	C
19150011	LAKESIDF IS NOW 10:22:15 , GVER]	1	4.63	C	c	C	0	ΰ	0	20	100	¢
19150(11	HADIG CCMM - (515, HDGZK, T1ME OF AR- RIVAL NOW 10+22+151	1	4.50	c	ť	C	ι	0	Ú	20	ō	100
19150012	CALL OUT - EFLIGHT PLAN UPDATED WITH NEW ALTITUDE]	ı	2.00	0	¢	C	0	ð	C	20	0	100
10156013	CALL CUT - CALTIMETER BARD SETTING IS TWO NIMER EIGHT EIGHTE	1	2.70		(	(	C	Û	C	20	Ú	100

TASK		S.	DUR	CHA	MNEL	ACTIV	ITY -	PER	CENT	OF DU	R TIM	1E
.NC.	TASK NAME/DESCRIPTION	I T	TIME (SEC)	EV	ΙV	LH	RH	LF	RF	ĊOG	AUD	VBL
1P150014	CALL OUT -[FLIGHT PLAN UPDATED WITH NEW PTA AT LAKESIDE]	1	3.00	0	. <b>C</b>	·	Ü	0	0	20	0	100
19160001	MGN RADIC COMM - LINFORMATION LIMA: DNE SEVEN ZEPO FIVE OBSERVATION- TWO	1 .	3.42	0	<b>o</b>	0	0	O	Û	20	100	0
19160002	FIVE HUNDRED SCAT- TERED CHILING FOUR THOUSAND BROKEN. VISIBILITY ONE SIX.	1	4.56	C	C	ι	0	O	0	20	100	0
19160003	TEMPERATURE FIVE NINER. WIND ONE UNE ZERO DEGFEES AT TEN GUSTING TO ONE SEVEN	1	4.56	0	Ċ	C	<b>6</b> .	0	0	20	106	<b>C</b> .
1P160064	<ul> <li>ALTIMETER TWO - NINER EIGHT FOUR.</li> <li>SIMULTANEDUS PARAL- LEL APPROACHES IN</li> </ul>	1	4.56	o	C	C	C	G	0	26	100	Ú
1P1eccos	OPERATION ON RUNWAYS ZERO EIGHT AND NINER RIGHT. ACVISE CON- TROLLER ON INITIAL	1	4.56	0	С	C	C	O		26	100	G
18160006	CONTACT YOU HAVE IN- FORMATION LIMA.1	1	2.28	С	c	c	C	c	Ü	20	100	<b>(</b> ,
19166667	RADIO COMM -EATLANTA APPRUACH CONTROL, THIS IS NASA 515 LEVEL AT ONE ONE	1	4.60	C	C	C:	U	Ĝ	Ú	20	e	106
19150008	THOUSAND WITH INFOR- NATION LIMA, OVER]	1	2.60	C	С	O	Ü	Ŀ	С	26	o	106
19160009	MON RADIC COMM - ENASA 515, ROGER. SQUAWK IDENT.1	1	2.50	C	C	C	¢.	0	υ	20	100	U
1216er10	MON KADIC COMM - [MASA 515, TURN LEFT HEADING TWO ONE ZERO PEDUCE SPEED TO TWO	•	4.60	G	c	С	C	Ü	U	20	100	C
19150011	ZERJ ZEPL, EVERJ	1	2.00	c	C	Ĺ	Ú	Û	0	20	100	ø
1P160C17	RADIO COMM -0515, ROGER, LEFT HEADING TWO ONE ZERO, SLOW TO TWO ZERO ZEROI	1	5.00	C	ί	(	c	u	0	20	c	160
19160013		ì	5.00	Ü	(,	c	Û	Ü	0	2C	0	106

TASK		S	DUR Time	СНА	NNEL	ACTIV	ITY -	PERC	ENT	OF DU	R TIM	E
NG.	TASK NAME/DESCRIPTION	Ť	(SEC)	EV.	IV	LH	RH	LF	RF ·	COG	AUD	VBL
19160614	MON RADIC COMM - ENASA 515, REDUCE SPEED TO DNE NINER ZERO KNOTS, OVER]	1	4.00	0	Ċ	. <b>C</b>	Ü	0	0	26	100	0
1P16CC15	RADIO COMM - [515, ROGER. ONE IONER ZERO KNOTS]	1	2.50	o	(.	C	0	υ	0	20	U	106
1P16CC16	MON RADIO COMM - ENASA 515, CONTACT APPROACH CONTROL ON ONE TWO SEVEN POINT	1	4.60	Ó	C	C	Ů	U	0	20	100	C
19160017	TWO FIVE, OVER	. 1	1.00	0	c	C	C	0	0	20	100	C
1P160C18	RADIO COMM-[515, POGER. ONE TWO SEVEN POINT TWO FIVE]	1	3.00	O	C	C	C	o	C	20	С	160
1P160(19	RADIO COMM -[ATLANTA APPROACH CONTROL, THIS IS MASA 515 LEVEL AT ONE ONE	1	3.50	C		¢	0	0	0	20	0	100
19160020	THOUSAND, OVER)	1	• 75	C	C.	<b>C</b>	c	G	c	20	U	160
19160021	MON PADIO COMM - ENASA 515, ATLANTA APPPOACH, ROGER, SQUAWK IDENTI		3.50	C	Ć.	(	U	U	ũ	20	100	c
1P160022	MUN RADIC COMM - CNASA 515, TURN RT HEADING THE SEVEN ZERD. REDJCE SPEED	1	3.60	G .	e	Ċ	Û		0	20	100	G
1P156923	TÙ ONE SIVEN ZERU KNOTS. DESCEND AND MAINTAIN FOUR FIVE HUNDREC, JVEP1	1	4,00	Ü	(·		Ċ	v	Ċ	20	106	(°
19160024	RADIO CCMM - (515) KOGER. LIFT HEADING TWO SEVEN ZERU. SLOW TO JNE SEVEN ZERU.	1	4.00	C.	C	ŗ	<b>C</b>	ა	0	26	C	166
19160025	MAINTAIN FOUR FIVE HUNDRED•]	1	2.00	C	L	ć	L	ij	ΰ	20	0	160
19160026	MON PADIL COMM - INASA 515, TURN LEFT HLADING ONE EIGHT ZEPO, UVFR]	1	3.50	(·	<b>(</b> .	C	Ü	C	r	26	160	U

TASK CODE		S I	DUR TIME	CH	INNEL	ACTI	YTTY	- PER	CENT	OF DU	JR TIM	ΙE
NO.	TASK NAME/DESCRIPTION	T	(SEC)	EV	ΙV	LH	RH	LF	RF	COG	AUD	VBL
1P160C27	RADIO COMM - [515 ROGER. LEFT HEADING DNE EIGHT ZERO.)	1	3.60	0	C	c	. 0	0	O	20	0	100
19160028	MON RADIO COMM - INASA 515, YOU ARE FUURTEEN MILES FROM THE OUTER MARKER.	1	3.21	0	c	C	C	0	0	20	100	0
19166129	TURN LEFT HEADING ONE TWO ZERO FOR VECTOR TO INTERCEPT FINAL APPROACH	1	4.28	0	c	(.	O	o	0	20	100	O
1216003C	COURSE. YOU ARE CLEARED FOR AN ILS RUNWAY ZERO EIGHT APPROACH. CONTACT	1	4.28	0	C	(	Ĺ	Ü	0	20	100	
18160.31	TOWER AT THE OUTER MARKER ON ONE ONE NINER POINT FIVE, OVER]	1	3.21	0-	Ċ	C	Ċ	O	0	20	100	0
19160.37	PADIO COMM- 1515, POGER. LEFT HEADING ENE TWO ZERO. ILS RUNWAY ZERO EIGHT	1	4,00	0	C	0	O	Ü	0	20	0	160
18150633	APPROACH. TOWER AT OUTER MAFKER ON ONE ONE NINER POINT FIVE	1	3,60	0	(	(.	C	o	C .	20	G	100
12160034	MON RADIO COMM- ENASA 535, REDUCE SPEED TO UNE FIVE ZERO KNOTS OVER3	1	3.50	0	C	(	C	O	O	20	100	O
1P16CC35	RADIU COMM -[515; ROGER. ONE FIVE ZERO KNOTS]	1	2.50	C	c	C	e	0	0	50	0	100
1P169036	MON RADIO COMM - [NASA 51!, MAINTAIN CURRENT SPEED UNTIL CRUSSING STUBBS, OVER	1	3,50	C	С	C .	<b>.</b>	Ċ	ŋ	20	106	¢
17160037	RADIO COMM - 1515, REGERI	1	1.70	С	C	C	O	0	ð	20	ò	106
19166638	RADIO CLMM-LATLANTA TOWER, THIS IS NASA 515 DVFK LAKESIDE INBOUND FOR RUNWAY	1	4.00	C	C	C	С	Ö	0	2C	o	166
1916(4.39	ZERU HIGHT, UVERI	1	1.60	Ċ	Ĺ	C	C	C	o	20	¢	100

	•	•	•									
. TASK		S	DUR TIME	СН	ANÑEL	ACTIV	ITY -	PER	CENT	OF DU	R TIM	£
, NO.	TASK NAME/DESCRIPTION	Ť	(ZFC)	EV	IV	`LH	RH	LF	RF	<b>C O</b> G	AUD	VBL
19160040	MON RADIC COMM - CNASA 515, ATLANTA TOWER, ROGER. CLEAR TO LAND RUNWAY ZERO	1	4.60	0	Ċ	<b>c</b>	0	o	0	20	100	0
1P160041	EIGHT. WIND UNE ONE ZERO DEGFEES AT ZERU NINER.]	1	3.00	0	L	C	Ć (;	O	0	20	100	O
1P150C42	CALL OUT-CALTIMETER BARD SETTING IS TWO NINER POINT EIGHT FOURI	1	3.50	С	C	<b>c</b>	C	0	Ù	20	C	100
19160043	CALL OUT-EDESCENT AND APPPOACH CHECK- LISTJ	1	2.00	0	C	r	o	С	O	20	O	106
1P160044	CALL OUT-[ANTI-ICE]	1	1.66	C	Ç	Ĺ	٥	Q	Ö	20	0	160
18160045	CALL OUT-ENOT REOD!	1	. 60	C	Ç.	C	C	O	ij	20	o	100
1P16CC46	CALL OUT - [AIR CON- DITIONING AND PRES- SURIZATION]	1	1.80	O	Ĺ	C		C	i)	2ù	0	100
19160047	CALL OUT [SET]	1	• 40	O	c	(	Ċ	o	c	20	O	100
19160048	CALL GUT-ESTART SWITCHES3	1	.90 -	c	<b>(</b> ·	C	C	0	, û	20	o	100
19160049	CALL DUT [FLIGHT]	1	. 50	c	C	(·	i	Ú	U	20	U	100
19160050	CALL DUT-EINBOARD LANDING LIGHTS]	1	1.16	С	(		Ü	G	Ċ	20	Ü	100
12160651	CALL OUT -[ON]	1	. 36	· · ·	C	c	0	O	C	20	Ü	100
19166652	CALL OUT -[ALTIMETER AND INSTRUMENTS]		1.40	C	Ĺ	C	U	Ű	Ü	20	ن	166
19160053	CALL GUT-ESET AND CROSSCHECKED]	1	1.30	0	· C	O	L	Ù	ũ	20	0	100
19160054	CALL CUT-LEPR AND IAS BUGS]	1	1.50	Ü	(	(·	U	U	C	26	C	100
19160055	CALL DUT - [V-REF IS XXX KNOTS]	1	1.50	Ü	Ĺ	C·	U	ð	C	20	O	100
19160056	CALL OUT -[BUGS SET AND CRESS-CHECKED]	ì	1.60	C	(	· (	Ü	С	9	2ú	0	16Ç
10160657	CALL CUT - CCHECKLIST COMPLETED!	1	1.30	ΰ	С	(	0	0	c	20	0	100
19160158	CALE LUT -[FLAPS 1]	ì	. 7U	o	í	(	ΰ	e	Ü	20	G	100

TASK CODF		S	DUR	CH	ÄNNEL	ĀCTI	ITY -	- PER	CEÑŤ	OF DU	R TIM	E
NO.	TASK NAME/DESCRIPTION	ţ	TIME (SEC)	EV	IV	LH	RH	LF	RF	COG	AUD	VBL
1P160(59	CALL OUT -[RUNWAY 08 ILS IS ON NAV 1]	1	2.90	0	C	0	0	0	0	20	0	100
1P160060	CALL DUT - [REG VOR IS ON NAV 2]	1	2.00	0	0	0	0	. 0	0	20	0	100
19160(61	CALL OUT -[FLAPS 5]	. 1	• 70	0	c	C	o	0	0	20	0	100
1P160062	CALL OUT -[FLAPS 15]	1	.70	O	C	c	0	0	0	20	0	106
19160063	MON RADIO COMM — [NASA 515, REDUCE SPEED TO ONE SIX ZERO KNCTS, OVER]	1	4.60	0	o	C	G ·	0	0	20	100	
19150064	RADIO COMM-[515, Roger. One SIX Zero Knuts]	1	2.50	0	c	c	0	0	0	20	0	100
19160065	CALL OUT -[LAKESIDE ON ADF-1]	1	1.50	0	<b>C</b> e	C	o	v	0	20	o	100
19160166	CALL OUT - [LAKESIDE ON ADF-2]	1	1.50	o	G	C	U	G	0	20	c	166
19169067	CALL GUT -[LOCALIZER ALIVE]	1	1.30	0	c	С	.0	0	. 0	20	O	100
19160068	CALL DUT-[I HAVE NAV 2 DATA]	1	1.50	C	C	C	0	C	O	20	0	100
19160069	CALL OUT -[ILS ON NAV 1]	1	1.50	0	O	o	. 0	0	0	20	0	100
19150676	CALL DUT -[FLAPS 23]	1	. 70	C	e.	C	ů	Ú	0	20	0	100
19160071	CALL DUT - EGLIDE SLUPE ALIVEI	1 .	1.60	C.	C	c	ι	0	O	20	0	100
19163(72	CALL OUT - [CROSSING STUBBS]	1	1.60	0	C	C	O	0	0	20	0	100
19160673	CALL DUT -[FLAPS 40]	1	.70	C	ε	C	ί	Ü	0	20	0	100
19150074	CALL GUT - ERUNWAY IN SITEI	1	1.60	0	ť	C	(·	ð	0	20	G	100
10165575	CALL DUT - [GEAR DOWN AND LANDING CHECK- LIST]	1	1.60	C	C	ı	Ĺ	0	e	20	0	100
12160076	CALL OUT -[RECALL]	1	. 60	0	0	c	Ú	C	0	20	o	100
10160-77	CALL OUT - [CHECKED]		.40	C	Ĺ	r	C	o	0	20	G	160

TASK		S	DUR Time	CHA	NNEL	ACTIV	ITY -	PERO	CENT	OF DU	R TIM	E
NG.	TASK NAME/DESCRIPTION	Ť	(SEC)	E۷	ΙV	LH	RH	LF	RF	C OG	AUD	VBL
1P160078	CALL OUT -[SPEED BRAKES]	1	.70	0	Ĺ	C	O	G	0	20	0	100
19160079	CALL OUT -[ARMED - GREEN LIGHT]	1	1.30	0	o	0	0	0	0	20	0	100
1P16GC8C	CALL OUT -[LANDING GEAR]	1	. 70	0	ι	C·	Ĺ	Q	0	20	C	166
1P160081	CALL DUT - (DOWN, THREE GREEN)	1	1.60	0	C	C	0	0	0	20	0	160
19160082	CALL OUT -[FLAPS]	1	. 40	O	Ĺ	C.	c	o	o	20	O	100
19160083	CALL CUT -[FORTY, GREEN LIGHT]	1	1.10	O	C	c	Ċ	o	0	20	0	100
19160(84	CALL OUT - CCHECKLIST	ì	1.10	c	C	c	o	0	0	20	O	100
1P160085	CALL GUT -[FIVE HUN- DRED FEET ABUVE RUN- WAY]	1	1.60	0	(	Ċ	ć	0	c	20	<b>0</b>	100
19160086	CALL OUT - (DECISION HEIGHT)	1	.80	٥,	C	¢	0	0	c	20	0	ice
1P160087	MON RADIC COMM - [NASA 515, EXIT RUN- WAY NEXT INTERSEC- TICN. CONTACT GROUND	1	3.50	0	С	<b>c</b>	Ü	0	. 0	20	100	C
19160088	POINT NINER WHEN CLEAR OF RUNWAY, OVER)	1	2.50	С	C	C	C	O	Ü	20	100	ι
19160089	RADIO CCMM -[515, ROGER. POINT NINER WHEN CLEAR]	1	2.50	c	C	ŀ	U	O	Û	20	o	100
19160090	RADIO COMM - [ATLANTA GRUUND, THIS IS NASA 515. TAXI TU GATE X, OVER)	ì	3.50	C	c	C	C	0	0	20	G	100
19160091	MON PADIC COMM — ENASA 515, ATLANTA GREUNC, TAXI TJ RAMP VIA NORTHEAST-SOUTH-	1	3.50	C	C	C		Ċ	o	20	106	C
19160042	WEST TAXIWAY, OVER	1	1.00	c	(	L	(·	0	0	20	100	O

TASK		Ş	DUR Time	 Сн	ANNEL	ACTIV	ITY -	PER	CENT	0F 0U	R TIM	E
	, TASK NAME/DESCRIPTION	I T	(SEC)	EV	ĪV	LH	RH	LF	RF	COG	AUD	VBL
1P16EK03	PADIO COMM - [APPROACH CONTORL, THIS IS NASA 515. THE PILOT IS INCA-	1	3.00	0	0	C	0	0	0	20	0	100
1P16EK(2	PACITATED. 1 WILL MAKE A NORMAL ILS APPROACH AND LAND— ING. REQUEST AN AM—	1	4.00	0	C	c	0	0.	0	20	0	100
1P16EKC3	BULANCE TO STANDBY AT GATE X, OVER 1	1	3.00	0	c	O	0	0	0	20	0	100
1P16EKC4	MON RADIU COMM- [NASA 515, APPROACH CONTROL. JNDERSTAND THAT YOUR PILOT IS	1	3.00	0	C	C	0	O	0	20	100	C
1P16EK(5	INCAPACITATED AND REQUEST AMBULANCE. WILL USE NOPMAL ILS APPROACH AND LAND.	1	4.00	C	C	C	C	0	0	20	100	C
1916EK06	ADVISE IF YOU RE- OUIRE SPEICAL HAND- LING.]	1	3.00	0	c	С	C	0		20	100	С
1916FK67	PACITATED. I WILL MARE A NORMAL MES APPROACH AND LAND— ING. REQUEST AN AM—	1	4.60	O	Ć	С	C	0	0	20	0	100
1P165K08	INCAPACITATED AND REQUEST AMBLANCE. WILL JSE NORMAL MLS APPRIACH AND LAND.	1	4.60	0	í	C	0	Ü	0	20	0	100
1P170CC1	MON PADIO COMM - ENASA 515, REDUCE SPEED TO TWO ZERO ZERO KNUTS, OVERI	1	4,60	C	(	ť	O	o	0	20	100	C
19170((2	RADIO COMM -0515; ROGER: SLOW TO TWO ZERJ ZEROC	1	3.00	o	C	c	Ç.	0	0	20	С	100
19170103	MON RADIC COMM - ENASA 515, TURN LEFT HEADING TWO ONE ZERO , OVEP1	1	3.70	O	c	C	C	0	0	20	100	C
19170004	RADIÜ COMM -[515, ROGER. LEFT HEADING TWO UNE ZERG(	1	2.86	o	c	C	Ü	C	O	20	c	100

TASK		s	DUR	СНА	NNEL	ACTIV	ITY -	PERC	ENT	GF DU	R TIM	Ε
NO.	TASK NAME/DESCRIPTION	I T	TIME (SEC)	EV	IV	ŁH	RH	LF	RF	CBG	AUD	VBL
1P170005	MON RADIO COMM - ENASA 515, TURN RT HEADING TWO SEVEN ZERO, REDUCE SPEED	1	3.50	0	C	G	C	o	)	20	100	C
1P170006	TO ONE EIGHT ZERO. DESCEND AND MAINTAIN SIX THOUSAND, OVER]	1	3.50	0	C	G	Ú	0	0	2ú	100	C
1P1700C7	RADIO COMM - [515, ROGER. RIGHT HEADING TWO SEVEN ZERO, SLOW TO ONE EIGHT ZERO,	1	4.00	0	(	C	C	0	С	20	0	100
19170008	MAINTAIN SIX THUU- Sand]	1	1.50	<b>C</b> .	C	С	Ü	C	o	20	C	100
1P170CC9	MON RADIC COMM - [NASA 515, TURN LEFT HEADING [NE EIGHT ZERO, DESCEND AND	1	3.50	0	C	0	0	0	O	20	100	¢
19170010	MAINTAIN THREE SIX HUNDRED, OVER1	1	3.50	C	O	c	C	C	0	20	100	Ç
19170011	RADIO COMM -[515, ROGER. LEFT HEADING ONE EIGHT ZERO, MAINTAIN THREE SIX	1	3.50	0		C	G	U	O	26	0	100
1P170012	HUNDRE C ]	1	• 50	c	C	ί	C-	0	0	20	0	100
1P170C13	MON RADIC COMM - ENASA 51% REDUCE SPEED TO DNE SIX ZERO KNOTS, OVER]	1	3.50	O	C	L	Ċ	o	U	20	0	160
19176014	RADIO COMM -(515) ROGER. SLOW TO UNE SIX ZERO]	1	3 • C O	С	c	C	C	C	Ü	20	O	100
19170015	MON RADIO COMM - ENASA 515, YOU ARE SIX MILES FROM THE APPROACH SATE. YOU	1	3.60	Ĺ		Ć	. 0	ù	0	<b>20</b>	160	(
10177116	ARE CLEARED FOR AN MLS RUNWAY ZERU EIGHT AFFROACH. CON- TACT ATLANTA TOWER	1	4.Cú	C	(	(	С	o	O	20	100	U
19170017	AFTER CRUSSING GATE AT ONE MINER POINT FIVE, CVER ]	i	3.60	e	ι	(	U	O	С	2C -	100	O

TASK CODI		S	DUR TIME	СН	ANNEL	ACTIV	YTTY -	- PER	CENT	UF DU	IR TIP	E
•Си	TASK NAME/DESCRIPTION	Ť	(SEC)	EV	IV	LH	ŘН	LF	RF	C DG	AUD	VBL
19170C18	RADIO COMM -[515, RUGER. MSL RUNWAY ZERO EIGHT APPROACH, TOWER AFTER GATE ON	1	4.00	C	C	C	C	e	0	20	0	100
19170019	ONE NINER POINT FIVE	1	1.00	0	C	C	o	0	0	20	0	100
19170026	MON RADIO COMM - ENASA 515, MAINTAIN CURRENT SPEED UNTIL CROSSING APPROACH	1	3.50	v	í.	C	C	ů	0	20	106	Ú
19170021	GATE, EVER 1	1	.75	0	c	C	O	C	t <sup>i</sup>	20	100	C
19170622	RADIU CCMM - CATLANTA TOWER, THIS IS NASA 515, CVLF APPROACH GATE FOP RUNWAY	1	4.60	c	C	(	O	Ü	O	20	0	100
19170023	ZERO EIGHT, OVERI	l	1.00	c	c	Ĺ	C	C	C	20	0	100
12176124	MON RADIO COMM — EMASA 515, ATLANTA TUMER, ROGER. CLEAR— FU TO LAND RUNWAY	1	3.50	c	(	(	ť	0	O	20	160	c
10170001	ZERO EIGHT: WIND UNE ONE ZERO AT ZERO HINER:)	1	3.50	e	C	C	0	С	C	20	100	0
19173026	CALL OUT - TRUNWAY 78 MSL ON NAV 1 AND NAV 21		3.00	c·	(	0	C	0	o	20	0	160
19380013	MUN RADIU COMM — ENASA 515, CONTACT ATLANTA TOWER UN ONE ONL NINTE POINT FIVE	1	4.00	(·	ι	C	(-	U	0	20	100	G
19150000	, 9veR.1	ì	.50	c	Ĺ	c	o	ò	G	20	100	ſ.
IP160073	RADIO COMM - Dis+ reger. One one niner point five.1	•	2.70	Ċ	(	t	C	U	O	20	n	100
Tolkhice	MON RADIO COMM — ENASA 515, CONTACT TOWER AT THE OUTER MARKER ON CHE JUE	ì	4.60	c	C	C	0	0	C	20	100	ι
1918/115	NIMER FRINT FIVE, OVER+1	i	1.50	c	(	Ĺ	U	0	0	20	100	Ċ
191 statt	RADIO COMM -1515, ROGER, TEWER AT BUTER MARKER ON ONE UNE MINER POINT FIVE	ì	4.00	C.	C	C	Ċ	Ċ	Ü	20	o	160

ŤASK CODE	grand State Control	S	DUR TIME	CHA	NNEL	ACTI	VITY -	- PERC	ENT	OF DU	R TIM	IE
NB.	TASK NAME/DESCRIPTION	Ť	(SEC)	EV -	IV	· LH	·RH	LF	RF	coe	AUD	VBL
18200001	INTPHN COMM - LADVISE WHEN CHOCKS IN PLACE]	1	1.80	0	. С	C	0	0 .	0	20	C	10Ĉ
19200002	MGN INTPHN COMM - [roger]	1	•60	C	. с	ι	o	0	0	20	0	100
19200003	MON INTPHN COMM - [CHOCKS IN PLACE]	1	1.16	С	¢.	C	c	0	0	20	0	106
1200004	INTPHN COMM -[ROGER]	1	.60	0	Ċ	C.	G	O	e	20	o	100
10200005	CALL CUT-ESHUTDOWN - 2 CHECKLISTI	1	1.20	0	Ċ	. (	Ú	υ	G	20	0	100
18200006	CALL BUT -[FUEL]	1	.70	0	c	C	c	0	0	26	o	100
19200007	CALL -[PUMPS OFF]	1	. 60	0	C	Ĺ	Ú	o	O	20	U	100
1P200018	CALL OUT -[GALLEY POWER]	1	.90	0	C	C	0	c	0	20	O	100
10200005	CALL OUT -[OFF]	1	• 50	Ü	(	ι	C:	c	G	20	c	100
19200010	CALL OUT- [ELECTRI- CAL]	1	1.60	C	C ·	C	ō.	o	0	- 2C	0	100
18200011	CALL OUT -[CN]	1	.70	Ο,	C	c	0	Ċ	0	20	0	166
15500015	CALL OUT - TEMERGENCY EXIT LIGHTS]	1	1.10	' c	(	(	ť	o	Ú	20	Ů	160
10200013	CALL GUT -[SEAT BELT LIGHT]	1	1.20	e	Ŀ	C	0	υ	0	20	O	106
19200014	CALL CUT -[WINDUW HFAT]	ı	1•(J	C	(·	¢	Ü	o	0	29	0	106
10200015	CALL ÇUT - EPITƏT HEATI	1	1.00	O	c	C	o	. 0	0	50	0	100
19200016	CALL OUT -[ANTI-ICE]	1	1.20	0.	ſ	C	Ü	0	C	20	é	100
19200017	CALL OUT -[SYSTEM B	1	1.50	c	(·	(	ί	0	Ç.	26	ű	100
18200018	CALL CUT -[AIR COND AND PRESSURIZATION]	1	2.10	0	G	. 0	Ü	Ü	0	20	0	166
19200019	CALL OUT - COME PACK, GPOUND/BLEEDS ON, GPOUND)	1	3.00	C	C	C	L	C	c	26	Ü	100
16500050	CALL GUT-[ANTI-CUL- LISSICN LT]	ì	1.26	r	ί	Ĺ	C	C	C	20	U	100

TASK CODE		S I	DUR Time	CH	NNEL	ACTI	VITY -	- PER	CENT	OF DU	R TI	IE
N:0 •	TASK NAME/DESCRIPTION	T	(SEC)	EV	IV	LH	RH-	LF	RF	COG	AUD	VBL
1P200021	CALL OUT-[START SWITCHES] BRAKES]	1	1.20	0	. C	0	0	0	0	20	0	100
19200022	CALL GUT - [AUTO	1	1.00	0	0	G	0	0	0	20	O	100
10200033	CALL CUT-[RADAR AND TRANSPONDER]	1	1.40	C	C	С	O	0	C	20	0	160
19266624	CALL DUT-[SPEED- Brake]	1	1.00	0	c	C	0	0	0	20	0	100
1P2COC 25	CALL OUT-[FLAPS]	1	.80	0	C	· c	G	0	O	20	O	166
10200026	CALL CUT-EPARKING BRAKESI	1	1.60	0	C	O	O	ΰ	0	20	0	100
19200027	CALL BUT- [START LEVERS]	1	1.00	0	C	c	0	0	O	20	0	100
19200029	CALL OUT -[UP]	1	•60	G	6	C	C	0	O	26	O	16c
19200030	CALL DUT- (DOWN DETENT)	1	1.20	C	C	C	0	Ù	0	20	0	100
19200031	CALL OUT -[RELEASED	1	1.00	C	ι	Ú	O	0	O	2ů	U	160
19200032	CALL DUT- [CUTDFF]	1	.90	0	Ċ.	C	o	0	C	20	o	100
1976-0033	CALL OUT - COXYGEN REGULATOR)	. 1	1.50	O	€.	C	0	С	C	20	ő	100
19206634	CALL OUT -[OFF,1(0]	1	2.50	0	(.	C	G	0	0	20	0	100
19200035	CALL OUT - CCHECKLIST COMPLETE DOWN TO SECUPED	1	2.50	C	(	c	C	O	¢.	20	c	106
19200036	CALL CUT - [APU]	1	1.60	O	G	c	c	G	o	20	0	160
19200037	CALL GUT -[BATTERY]	1	1.00	o	C	(	C	Û	C	20	o	100
15566136	CALL OUT - [SHUTDOWN CHECKLIST COMPLETE]	i	1.50	Ó	C	C	C	o	U	2C	0	100
15201634	CALL OLT -[CONTINUE CHECKLIST]	1	1.20	o	C	Ĺ	e	o	O	20	o	106
1P2C0C46	MON INTERN COMM - [TESTING, FLSTING, GVER]	1	1.50	. 0	C	C	0	0	0	20	100	<b>o</b>
19200041	INTPHN COMM ~ CROGER, HEAR YOU LOUD AND OLEAR, ARE CHOCKS SET, GVER]	1	3.00	c		c	C	¢	C	20	Ü	16ē

4 4 4 A

	TASK		S	DUR Time	CF	IANNEL	ACTI	VITY -	- PER	CENT	OF DU	R TIM	Ε
	NO.	TASK NAME/DESCRIPTION	Ţ	(SEC)	E۷	IV	LH	RH	LF	RF	CDG	AUD	VBL
19	01	MON VHF-1L FREQ IND	1	• 77	0	100	0	o ·	0	0	20	0	0
			2	4.48	O	100	Ĺ	0	0	0	20	0	0
			3	4.97	0	100	C	O	0	0	0	0	O
		•	4	4.97	0	100	C.	. 0	C	G	20	U	C
19	0.2	SET VHF-1L FREQ -	1	2.90	0	C	C	100	0	0	20	0	0
		WHOLE NUMBERS	2	3.CO	0	C	100	ð	0	0	20	0	0
10	03	SET VHF-1L FREQ -	1	1.58	0	C	C.	Ç	0	0	20	0	0
		FRACTIONS	2	1.97	0	C	100	Ú	0	C	20	Q	Ü
10	6.4	ADJ VHE-1L VOLUME	1	1.58	0	10	Ç	166	9	O	20	0	O
			2	2.15	0	10	C	100	0	0	20	0	0
			3	1.58	0	10	10C	o	0	0	20	0	0
			4	2.15	0	10	100	O	0	0	20	С	Ċ
10	05	SET VHF-1 COMM TER	1	1.45	0	100	C	100	ວ	C	20	0	(;
		SW TO LEFT	2	1.45.	0	100	100	C	C	0	20	ŭ	c
13	06	SET VHF-1 COMM TER	ı	1.45	0	100	C	100	0	o	20	0	o
		SW TO PIGHT	2	1.45	O	100	10C	Ü	O	0	20	0	0
10	0.7	MON VHF-18 FREQ 1ND	1	•77	0	10¢	Ĺ	ί	0	O	20	e	C
			2	3.t4	0	100	C	C	Ų	0	20	O	(,
		•	3	4.51	C	100	Ç	Ç	Ç	Ģ	20	Ú	c
			. 4	5.94	0	190	С	Ú	0	0	20	0	O
17	08	SET VHF-1R FREQ-	1	2.65	0	10	ι	100	ũ	C	20	٥	O
		WHOLE NUMBERS	2	2.93	0	10	C	100	C	0	20	e	C
			3	2.(5	C	16	10C	0	0	0	20	0	C
			4	2.97	0	10	100	0	U	Ü	20	ů	£,
1.3	ÇĢ	SET VHF-1R FREQ-	1.		ç	10	(	100	O.	O	20	0	0
		FRACTIONS	2	1.97	ð	10	100	С	0	O	20	o	Ü
10	10	ADJ VHF-IR VOLUME	1	1.58	0	C	100	O	C.	0	20	0	0
			2	2.18	Ĺ	50	C:	100	Ü	Ü	20	0	. 0
			3	1.58	0	C	100	Ü	0	C	20	0	C
			4	2.18	Ü	50	160	¢	Ú	Ü	20	o	C
10	11	SET CLMM 1 MIC SEL	1	2.71	0	100	С	100	o	0	20	U	Ü
		SW TO VHF-1	2	2.60	0	100	16C	0	0	0	20	O	0
10	12	SET COMM 1 VHF-1	1	2.21	0	10C	(	100	0	o	20	C	O
		COMM RECVE SW TO ON	2	2.34	0	100	100	O	0	0	20	Ú.	Ü
10	13	SET COMM 1 VHF-1	1	2.21	Ü	100	C	100	C·	0	20	0	0
		COMM RECVR SW TO OFF	2	2.34	Û	160	100	0	0	Ú	20	o	O

	TASK	;	S	DUR Time	СН	ANNEL	ACTI	VITY -	- PERC	ENT	OF DU	R TIM	£
	NC·	TASK NAME/DESCRIPTION	_	(SEC)	ΕV	ΙV	LH	ЯH	LF	RF.	COG	AUD	VBL
19	14	ACT COME 1 PUSH-TO-	. 1	1.40	0	50	Ċ.	100	O	o	20	0	Ċ
		TALK SW	2	1.39	0	50	100	0	0	0	20	0	0
			3	5.00	0	56	100	Ü	Ú	Ü	20	0	0
			4	12.00	0	50	100	Ü	o	0	ZV	Ú	Ł
19	15	COMM VIA VHF-1	1	5.CO	c	Ĺ	C	C	c	Ū	С	Ü	0
			2	12.00	C	C	C	C	0	0	0	0	C.
		•	3	1.70 7.60	0	C G	C	C C	0	0 U	( (	O Ú	(; L
12	16	MON VHF-1 COMM AUDIO	ı	12.00	o	С	C	(	0	C	U	0	o
• •	• •	NOW THE TOTAL MODIC	2	7.60	ő	ĭ	ĕ	ĭ	Ü	ŭ	č	Ğ	ù
			3	6.10	ŏ	i	ì	ĭ	ù	č	õ	ő	Ü
			4	3.60	č	ċ	č	Č	Ö	ē	ŏ	ΰ	Č
10	17		1	2.29	0	100	(	100	o	9	20	0	(;
		COMM FECUR SW TO ON	2	2.27	C	10ι	1úC	Ĺ	ن	C	20	v	O
13	18	SET COMM 2 VHF-1	1	2.29	C	100	(,	luč	G	C.	26	J	t.
		COMM FECUR SW TO OFF	2	2.27	ა	100	100	U	Ü	0	20	0	U
1:)	1 c	SET COMM 2 MIC SEL	i	2.79	0	100	C	100	r	Ú	20	o	t.
		SW TO VHF=1	Ż	2.71	0	100	100	(	Ú	С	20	Ų	(,
17	75	SET COMM 3 VHF-1	L	2.46	Û	106	(	166	C	c	2¢	G	(
		COMM RECVR SW.TO ON	2	2.45	C	100	100	(·	Ç	ũ	23	O	1.
10	21	SET COMM 3 VHF-1	1	2.46	0	100	C	106	O	C	20	o	1.
		COMM RECVE SW TO DEF	S	2.45	O	100	100	Ü	0	0	20	0	Ü
10	8.2	SET COMM 3 MIC SEL SW TO VHE-1	ì	2.97	C	70(	Ĺ	160	i	û	2(-	O	(.
10	23	ACT COMP 1 PUSH-TO-	ì	1.70	0	Ú	100	Ŀ	Ü	ن	2	C	()
		TALK Sh	2	13.50	O	Ŀ	150	G	Ü	O	2¢	Ü	(
10	24	ACTUATE FUSH-TU-TALK	_	*00.00	ō	C	c	166	Ü	Ċ	21	Ō	Ç.
		SW ON CONTROL HAND-	2		Ċ	. (-	Ĺ	100	C:	ن ن	20 20	į	O
		GPIP	3 4	3.10	6	. (	(	100	o O	C G	2 t	) Ú	ί.
			~	3.00	_	•	ι,	100	U	•	_		
10	2 €	COMM VIA VHF-1	1	3.50°	C.	(	. (	ر ،	Q.	Ű	Ç	)	( ·
		•	2	3 • C Ø	O	Ü	Ú	0	O	c	C	Ü	U
1,0	÷۲	MON VHE-1 COMM AUDIO	1	5.60	'نَ	Ç	L	C	Ų	Ü	o.	Ç	Ų
		•	2	4.00	Q	. (	(	G	Ċ	(.	C	ų,	(.
			٤	24.10	O	(	(	Ü	C	¢	U	٠,	r.

	TASK	•	S	DUP TIME	CH	ANNEL	ACT	(VITY	- PER	CENT	OF DU	R TIM	E
	NC.	TASK NAME/DESCRIPTION	τ	(SEC)	EV	IV	LH	RH	LF	RF	COG	AUD	ABT
12	r/n	MON VFF-2L FREQ IND	. 1	.76	0	100	C	C	0	٠,٥	20	0	δ
			` 2	4.55	0	100	0	G	0	0	20	0	0
		•	3	4.51	0	100	0	C	0	0	20	0	0
18	C-2	SET VHF-2L FREQ -	1	2.97	0	(	C	100	Ú	o	20	Ü	0
		WHOLE NUMBERS	. 2	2.93	0	0	100	O	O	0	20	0	0
19	(3	SET VHF+2L FREQ +	1	1.58	0	Ç		100	Ö	0	20	0	(·
		FRACTIONS	2	1.58. 1.97	0	C C	100 100	Ç	0	0	20 20	0	0
٠	·.		3	1.91	U	٠.	100		O,	U	20	U	U
1 2	04	ADJ VHF-2L VOLUME	1	1.58	0	(	O	106	0	0	20	0	C
		·	2	2.97	0	5 C	0	100	G	0	20	G	Ü
			3	1.58	0	(	100	C	0	0	20	C	O
			. 4	2.97	C	. 5C	100		0	0	20	0	O
1 F	99	SET VHE-2 COMM TER	1	1:47	Ú	100	C	100	0	/ O	20	Ü	0
	s.*	SW TO LEFT	2	1.47	0	10C	100	0	. 0	О	26	G	C
18	i <i>t</i>	SET VHF-2 COMM TER	$\mathbf{r}$	1.47	0	106	C	100	0 -		20	0	O
		SW TO RIGHT	2	1.47	0	106	10C	o	Ŭ,	e	20	0	O.
	٠		3	1.97	0	106	100	C	0	.0	20	0	0
1 -	÷7	MON VHF-22 FRED IND	1	•77	C	106	0	Ģ	0	0	20	0	Ć.
			2	4.58	0	100	Ç	Ŭ	0	0	20	0	C
			3	4.48	0	100	ι	C	O	C	20	0	0
1₽,	СB	SET VHE-28 FREO -	1	2.63	0	Ĺ	C	100	v	C	20	0	C
		WHOLE "NUMBERS	2	3.00	0.	Ç	100	100	ō	0	20	0	0
			3	2.13 2.90	0	(· (	100	Ü	0	0	20	0	Ü
			٠.	2.90	U	·	100	U	U	U	20	U	O
14	( 9	SET VHF-22 FREW +	ì	1.53	0	Ĺ	C	160	e	C	20	O	0
		FRACTIONS	2	1.58	0	C	100	0.	C	C	56	G	C
			3	1.97	0	C	100	- C	ō	Ü	20	0	C
19	10	ADJ VHF-2R VULJME	L	1.58	0	· c	Ĺ	100	0	O	20	0	G
		·	2	3. <b>C</b> 0	0	5(.	(	100	0	O	20	0	0
			3	1.58	Ċ	(	100	0	0	0	20	C	C.
			4	3.60	٥	5(	100	Ü	ο	0	20	0	υ
} 3	1.1	SET COMM 2 MIC SEL	1	2.79	٥٠	100	Ĺ	160	6	Ü	20	Ü	C
		SW TO VHE-2	2	2.71	C.	101	166	Ü	0	Ċ	26	0	0
1 2	12	SET COM 2 VHF-2	1	1.43	¢.	100	C	100	ø	U	20	C	6.
		COMMIRECUR SW TO ON	2	1.43	0	100	160	0	0	O	20	Ģ	0
12	13	SET COMM 2 VHF-2	1	1.43	C.	100	C	100	0	0	20	٥.	Ü
		COM1 RECVE SW TO OFF	2	1.43	C	10¢	130	O	ü	Ç.	20	0	C

	TASE		S I	DUR TIME	СН	ANNEL	ACTI	VITY	- PERO	ENT	OF DU	R TIM	£
	ND.	TASK NAME/DESCRIPTION	7	(SEC)	ΕV	ΙV	LH	RH	LF	RF	C DG	AUD	VBL
18	14	ACT COMM 2 PUSH-TO-	1	1.41	0	56	C	100	0	Ū	20	Ć	Ç
•	-	TALK SW	2	1.41	ŏ	50	100	0	ō	ō	20.	č	Ö
			3	5.50	ŏ	50	100	Č	ن	C	20	Ğ	υ
			4	3.50	ŏ	56	100	Ŏ	Ŏ	Č	20	C	Ğ
18	15	COMM VIA VHF-2	1	3.70	0	C	C	ن	C	C	0	٥	(·
			2	5.50	0	(.	(	C	0	O	Ú	Ü	G
		•	3	3.50	0	Ĺ,	C	Ü	U	0	0	0	U
			4	4.00	C	Ć	C	C	0	O	Ð	¢.	C
18	16	MEN VHF-2 COMM AUDIO	1	5.50	0	0	C	Ŀ	0	0	ε	U	G
			2	3.50	0	(.	(	C	c	Ú	0	0	0
			3	3.20	C	C	(	C	Ü	υ	0,	e	6
			4	5.00	Ü	(	(	·	o	O	Ú	e	Ĺ
18	:7	SET COMM 1 VHF-2	1	1.42	0	100	C	100	С	0	2 C	0	Ü
	-	COMM RECVE SW TO ON	2	1.42	O	106	100	Ċ	0	0	20	Ú	0
18	16	SET COMM 1 VHF-2	1	1.42	ø	106	Ĺ	100	J	C	20	Ú	Ú
***		COMM RECVE SW TO UFF	2	1.42	ō	100		(	ŭ	č	20	Č	Ğ
18	16	SET COMM 1 MIC SEL	1	2.71	0	100	С	166	0	0	26	0	О
	•	S-3HV CT WZ	ż	2.80	ŏ	106	100	Ğ	Ü	č	20	õ	ĭ
1Ř	20	SET COMM'3 VHE-2	ı	1.43	C	100	c	100	o	e	20	Ċ	(
		COMM RECVE SW TO ON	2	1.43	0	100	100	U	J	0	21	Ú	•
13	23	SET CCKM 3 VHF-2	1	1.43	Ĺ	10 t	ι	100	υ	0	20	Ċ	C
		CUMM RECVE SW TU OFF	2	1.43	Ú	100	100	C	Ü	0	20	0	C
18	22	SET COMM 3 MIC SEL Sw TO VHF-2	1	2.97	c	100	ι	100	Ü	C	20	0	0
18	73	ACT PUSH-TG-TALK SW	l	3.70	, 0	C	C	100	0	0	20	U	U
		ON CONTROL HANDGRIP	2	4.66	₹ <i>i</i>	(	(	100	O.	C	20	Q	C
			3	2.50	C	G	C	100	Ú	C	2 Ü	Ç.	С
		•	4	1.50	C	(	L	100	L	Ü	26	G.	(
19	24	ACT PUSH-TO-TALK SW	1	1.70	0	Ĺ	Ĺ	100	c	G	20	O	$\mathbf{C}$
		ON CONTROL HANDRGRIP	2	2.30	C	G	Ü	100	0	0	20	Ç	Ç.
			3	3.10	0	ί	C	161	ني	0	21	C	(+
			4	4.00	O	(	C	TCC	U	ύ	20	0	0
12	2 !	ACT PUSH-TO-TALK SW	1	c.80	¢	(	Ĺ	166	0	ن	26	0	(
		ON CONTROL HANDGMIP	2		0	C	C	_	O	(·	2.0	Û	C
			3	3.16	Ú	(	£	100	С	C	20	Ģ	0
			4	£.(0	0	€.	C	100	C	Ü	20	ζ.	í
J S	? t	ACT PUSH-TO-TALK SH	1	4.20	o	Ĺ	(	100	Ú	Ç	2L	e	U
		ON CONTROL HANDGRIF	2	5.66	Ç	Ĺ	C	160	9	C	20	ń	C:
			3	2.70	9	(	C	100	Ú	0	20	0	Ċ
			4	7.50	С	(	(	100	J	G	2 U	Û	C.
13	27	ACT COME 2 PUSH-TO-	1	4.60	0	(	100	Ú	O	C	20	C	()
		TALK Sh	2	1.70	ڗ	Ĺ	1.0	Ĺ	C C	J	20	ċ	Ĺ
			3	4.20	J	Ç	150	O	0	O	20	0	. (
			4	4.00	0	Ĺ	100	Ü	Ç	Ú	21.	Ú	Û

	TASK	•	S I	DUR TIME	CH	NNEL	ACTI	vity -	PER	CENT	OF DU	R TIM	E.
	NO.	TASK NAME/DESCRIPTION	Ť	(SEC)	E۷	IV	LH	RH	LF	RF	COG	AUD	VBL
` <b>1</b> 2	28	ACT COMM 2 PUSH-TO- TALK SW	1 2	4.25 5.CO	0	G (	100 100	ů ů	٥ 0	0 0	20 20	0	0
12	3C	ACT PUSH-TO-TALK SW ON CONTROL HANDGRIP	1 2 3 4	4.50 3.30 4.23 10.00	0 0 0	6 6 0	() () ()	100 100 100 100	0 0 0	0 0 0 0	20 20 20 20	0 0	0 0 0
19	32	MON VHF-2 COMM AUDIO	1 2 3 4	2.50 6.00 6.80 7.00	0 0 0	( ( ( (	) ( ( (	0 0 C 0	0 0	0 0 0	() () () ()	0 0 0	0 0 0 0
18	3?	MON VHF-2 COMM AUDIC	1 2 3 4	9.LG 6.20 1.70 3.CO	0 0 0	( ( (	( ( (	0 0 0 · ·	0 0 0	0 0 0	0 0 0	0 0 0	0 () 0
12	34	MON VHF-2 COMM AUDIG	1 2 3 4	9.50 4.30 7.50 4.50	0 0 0 C	() () () ()	0 L C	C C O	0 0	0 0 0	. 0 0 0	0 0 0 0	( (· 0 ()
13	35	MON VHF-2 COMM AUDIC	1 2 3	6.00 10.00 30.00	0 0 0	( (	c c	C C	0 3 6	0 0 0	0 6 0	0 U	0 0 0
12	21	COMM VIA VHF-2	2 3 4	4.80 2.50 1.50 1.70	0 .	( ( ( 0	( ( (	G G G	0000	υ 0 0	0 0	0 0 0 0	0 0 0
. 1 p	3 <del>7</del> :	COMM VIA VHF-2	1 2 3 4	2.30 3.16 4.46 3.60	000	( ( (	( ( (	( ( (	0 0 0 0	0 0	<b>0</b> 0 0	0 0 0	0 0 0
1 <b>~</b> .	34	CCMM VIA VHF-2	1 2 3 4	6.00 4.20 5.Cu 2.76	0 0 0	° (	ξ ( ( (	(° (° (° (°	0 0 0 0	0 0 0	0 0 0	0 0 0 0	0 0 0 0
19	i i o	COMM VIA VHE-2	1 2 3 4	7.50 3.10 4.50 3.30	0 0	( ( (	(	0 Ú -	0 0 0	0 0	0 0 0 0	0 0 0	C 0 0 C
17	÷ŧ	CCM1 VIA VHF-2	1 2 3 4	4.00 4.25 10.00 5.50	G G O G	ύ ( (	( ( (	υ υ ο	0 0 0	0 0	( 3 0	0 0 0	( ( 0
16	<b>41</b>	CEMM VIA VHF-2R	i 2	e.80 11.(0	ن ع :	( (	(	Ü	o G	ō O	G G	c G	(, (-

	TASK		S	DUR Time	СН	ANNEL	ACTI	• YT1V	- PER	ENT	OF DU	R TIM	E
•		TASK NAME/DESCRIPTION	-		E V	ΙV	LH	RH	LF	RF	CDG	AUD	VBL
1R	42	ACT PUSH-TO-TALK SW	1	11.60	0	0	C	100	0	0	50	0	0

	TASK CPDF		S I	DUR Time	СН	IANNEL	AČTI	VITY	- PER	CENT	OF DU	R TIŃ	Ė.
	NG.	TASK NAME/DESCRIPTION	Ť	(SEC)	E V	IV	LH	RH	LF	RF	COG	AUD	VBL
1s	(1)	MON VHF-3L FRED IND	1	.77	0	100	C	Ú	٥	0	20	0	e
			2	5.00	0	100	0	0.		O	20	0	O
			3	5.06	0	10C	C	0	0	0	20	0	0
15	02	SFT VHF-3L FREQ-	1	3.63	O	C	L	100	0	U	20	O	ι
		WHOLE NUMBERS	2	3.69	C	(	100	0	0	C	20	O	Ģ
15	0.3	SET VHF-3L FREQ -	1	1.97	0	Ĺ	C	100	0	0	20	0	C
		FRACTIONS	2	1.97	0	100	0	O	0	Ó	20	С	C
15	(4	ADJ VHF-3L VOLUME	1	1.97	e	50	0	100	0	0	20	. 0	(
			2	3.(3	O	5(	(	lúü	٥	0	20	Û	Ú
			3	1.97	0	5C	100	Ĺ	3	Ģ	20	0	o
			4	3.C9	C	5 C	100	C	0	0	20	o	C.
15	(° 1	SET VHF-3 COMM TER	ı	1.45	0	50	C	100	o	0	20	0	()
		SW TO LEFT	5	1.45	C	· 5C	100	U	Ü	0	20	0	0
15	, (6	SET VHF-3 CCMM TER	1	1.45	Ú	5 C	(	100	0	o	20	U	(,
		SM 10 FIGHT	5	1.45	C	56	100	Ü	Ü	e	20	С	G
15	: 7	MON VHF-3R FREQ IND	1	• 77	Ç.	100	G	i	Ċ	Ü	26	0	Ü
			٤	5.01	0	100	C	Ü	O	C	20	Ü	C
			3	5.05	0	100	(	Ü	9	o	20	0	0
15	0 t	SET VHI-2R FREQ-	ì	2.65	G	ι	Ĺ	106	Ü	Ü	20	o	$\mathbf{c}$
		WHOLE NUMBERS	2	3.64	C	(	Ĺ	100	G	C	20	U	Ü
			3	2.65	0	C	100	O	Ü	G	20	Ú	Ü
			4	3.68	C	(·	100	С	0	0	20	0	C
35	. 7	SET VHF-33 FREG +	1	1.97	C	ι	(	ı j Ç	Ü	0	26	Ü	C
		FPACTIONS	5	1.97	0	(	100	(·	ა	C	20	v	O
1.5	: ι	ADJ VHF-3R VOLUME	ì	2.15	ů	5(	Ĺ	190	U	C	20	Ü	C
			3	3.04	O	5C	£	166	0	Ü	20	0	(-
			3	2.65	C	SC	10C	Ç	O	U	20	0	0
			4	3.68	C	5 t.	100	C	o	C	5¢-	C	(.
13	3.3	SET COMM 3 MIC SEL	1	2.97	э	106	(	100	J	e	20	0	ı
		SW TO VHF-1	ć	2.93	G	100	100	U .	o	Ü	26	Ü	C:
15	12	ACT CEFF 3 FUSH-TO-	1	1.41	e	56	C	100	C	e	20	U	(,
		TALK SE	S	1.42	ů	5(	100	(·	0	Ù	20	0	. 0

	TASK		S	DUR	СН	ANNEL	ACT	VITY -	PER	CENT	OF DU	R TIM	E
	NO.	TASK NAME/DESCRIPTION	Ť	(SEC)	E۷	IV	ŁH	RH	LF	RF	cae	AUD	VBL
11	01	SET LOUDSPEAKER TO	1	2.39	O	10C	100	0	0	0	20	0	O
		ON	2	2.39	O	100	C	100	U	0	20	v	C
11	02	SET LOUDSPEAKER TO	1	2.39	0	100	100	o	э	c	20	O	ſ.
		OFF	2	2.39	0	100	C	100	O	C	20	0	Ü
17	0.3	ADJUST LOUDSPEAKER	1	2.11	0	10C	166	Ĺ	u	0	20	Ċ	ť
		VOLUME	2	2.11	0	100	C	100	0	C	SU	0	C
		,	3	3.(4	ن	100	100	U	Ü	C	20	0	С
			4	2. 6.4	ō	100	r	100	n	Ğ	20	Ö	n

	TASK		S	DUR	Сн	ANNEL	ACTI	VITY -	- PER	CENT	OF DU	R TIM	E
	NO.	TASK NAME/DESCRIPTION	I T	(SEC)	EV	IV	LH	RH	LF	RF	COG	AUD	VBL
2н	15	MON TKA SEL MODE LT GREEN - TKA SEL MODE ENGAGED	1	.77	0	100	· C	0	0	<b>0</b>	20	c	0
2H_	15	MON TKA SEL MODE LT ORANGE - TKA SEL MODE ARMED	1	.77	0	106	C	C	0	<b>0</b>	20	0	0
2ㅂ	17	MON TKA SEL MODE LT Blue - TKA SEL MODE PRESELECTED	1	.77	0	100	C	C	o	0	20	0	O
29	1 €	MON TKA SEL MODE LT DAPK - TKA SEL MODE DISEMGAGED	1	.77	c	100	C	G	ð	U	20	v	c
2H	15	ECTATE TKA SEL KNJB	1	2.50	0	o	C	0	0	0	20	O	c
2-1	21	READ TKA SEL VALUE	ì	1.11	C	100	0	0	0	0	20	o	O
24	23	PRESS EPA SEL MODE SW	1	1.40	0	100	C	100	0	0	20	υ	O
24	??	MONITOR FPA SEL MODE LT GREEN - FPA SEL MODE ENGAGED	1	. 77	0	100	0	o	O	0	20	0	C
?⊣	ŷ <del>c</del>	MONITOR FPA SEL MODE LT DRANGE - FPA SEL MODE APMED	1	.77	0	100	G	e	Ú	С	20	0	O
2H	?4	MONITOR FPA SEL MODE LT BLUE - FPA SEL MUDE PRESELECTED	1	• 77	C	100	r	C	Ö	0	20	0	0
24	85	MUNITER FRA SEL MODE LT DARK - FRA SEL MODE DISENGAGED	1	•77	0	100	0	Ü	0	¢	20	0	r
۶'n	3 %	ROTATE FRA SEL KNOB	1	2.45	U	160	(	100	o	0	20	c	0
28	7 7	READ FFA SEL VALUE UN DIGITAL INDIC	1	2.68	0	106	C	c	0	0	20	0	o
2⊣	? 6	PRESS ALT ENG MODE S SW	1	1.42	G	100	(	100	o	e	ŠC	0	0
2.1	ŷα	MONITOR ALT ENG MUDE LT GREEN - ALT ENG MUDE ENGAGED	1	.78	C	166	(,	c	v	(.	2ů	0	С
24	3(	MCN ALT ENG MODE LT BNG TIA - BRAANG CIMHA BOOM	1	.78	0	100	C	С	ð	C	26	0	C

	TASK	•	Ş	DUR	СН	ANNEL	ACTI	VITY -	- PERC	ENT	OF DU	R TIM	E
	NO.	TASK NAME/DESCRIPTION	I T	TIME (SEC)	ΕV	IV	LH	RH	LF	RF	cog	AUD	VBL
2H	(1	PRESS ATT CWS MODE Sw	1 2 3	1.35 1.44 1.44	0 0 0	106 106 106	0 C 10C	100 100 0	0 0	0 0 0	20 26 20	0 0	0 0 0
2H	( ?	MON ATT CWS MODE LT GREEN - ATT CWS ENGAGED	1	1.05	٥	106	0	С	0	0	20	Ú	c
2н	63	MON ATT CWS MODE LT DARK - ATT CWS DISENGAGED	1	1.65	č	10C	(°	U	0	U	20	0	¢.
?⊣	24	PRESS VEL CWS MUDE SW	1 2	2.69 1.35	G Ú	106 166	Ĺ	100 100	o o	Ú Ú	20 23	Ç O	i O
24	0.5	MEN VEL CAS MODE LT GREEN - VEL CWS ENG	1	1.34	c	100	C	Ú	Ğ	C	20	G	(
2н	C+	MON VEL CWS MODE LT DARK - VEL CWS DIS- ENGAGED	i	1.34	ť	100	(	C	0	C	20	0	ι
24	. (7	PRESS AUTO MODE SW	1	1.42	0	100	Ċ	100	0	Ģ	20	3	C.
2†1	<i>c</i> 8	MON AUTO MODE LT Green - Auto Mode Engaged	1	1.34	U	100	ί	<b>.</b>	Ü	0	20	Č	C
2H	( 9	MON AUTO MODE LT DARK - AUTO MODE DISENGAGED	1	1.34	O	100	C	0	С	0	20	G	C
24	11	PRESS LAND MODE SW	1	2.13	c	100	(	100	O	0	20	0	t·
			2	2.13	С	10(	166	C	O	Ĺ	20	U	(
24	11	MON LAND MODE LT Green - Land Mode Engaged	•	1.65	0	100	. 0	Ų	O	U	26	0	Ü
?H	12	MUN LAND MODE LT Grange - Land Mude Armed	1	1.65	ů	16ti	С	C	0	0	26	¢.	C
2#4	12	MON LAPO MODE LI DARK — LAND MODE DISENGAGED	1	1.65	C	106	(	í.		ů	2í	ı	ţ
24	) 4	PRESS THA SEL MODE SW	1	1.41	c	100	(	100	0	C.	20	o	ι

	TASK	•	S	DUR Time	C+	IANNEL	ACTI	VITY -	- PER	CENT	OF DU	R TIM	E
	ND.	TASK NAME/DESCRIPTION	Ť	(SEC)	٤٧	IV	LH	RH	LF	RF	C DG	AUD	VBL
2н	31	MON ALT ENG MODE LT Blue — ALT ENG MODE PRESELECTED	1	. 78	0	100	, c	0		Ö	20:	O	O
24	32	MON ALT ENG MODE LT DARK - ALT ENG MODE DISENGAGED	ì	• 78	0	100	C	O	O	0	20	0	C·
24	33	ROTATE ALT ENG KNOB	1	2.47	0	10t	r	100,	. c	o	20	o	o;
24	34	READ ALT ENG VALUE ON DIGITAL INDIC	1	1.06	C	100	<b>.</b> C	c	С	C	20	0	(
24	àt	PRESS HÜR PATH MODE Sw	1 2 3	1.37 2.15 1.72	0 0 0	100 100 100	C C C	100 100 100	υ ο, υ		20 20 20	0 0 0	G G
24	36	MON HOR PATH MODE LT Green - Hor Path Mude engaged	1	.78	O	100	C	C	O	. e	20	Ü	c
2:1	37	MON HOF PATH MODE LT OPANGL — HOR PATH MUDE ARMED	1	.78	0	100	G	O ·	<b>0</b>	Ċ	20	Ü	<b>C</b> :
24	38	MUN HOP FATH MODE LT DARK - HER PATH MODE DISENGAGED	1	.78	Ü	100	c	C	Ü	0	20	O	(t
24	30	PPESS VERT PATH MÜDE Sw	1	1.36	ü	100	C	100	¢	Ç.	-20	o	С
2н	41	MON VERT PATH MODE L GREEN - VERT PATH MODE ENGAGED	;	. 78	0	100	C	Ü	0	C	20	c	0
2:1	41	MON VERT PATH MODE L ORANGE - VERT PATH MODE AFMED	1	.78	¢	100	¢	c	ζ	ō	23	0	Ú
24	43	MON VEFT PATH MODE LT DAPK - VERT PATH MODE DISENGAGED	i	. 78	C	100	(	. د	o	0	20	Ó	0
24	43	PRESS CAS ENG MODE Sw	1	.79	G	100	C	Ü	Ð	c.	26	Q	Ĺ
24	44	MON CAS FNG MODE LT GREEN - CAS MODE ENGAGED	1	.70	С	100	C	o	U	G	20	Û	C
2 H	4 <sup>6</sup> ,	MON CAS ENG MODE LT BLUE - CAS ENG MODE PRESELECTED	1	.78	G	100	C	C	ê	C	<b>2</b> 0	<b>(</b> ):	Ĺ

	TASK		S	DUR TIME	СН	ANNEL	ACTI	VITY -	- PER	CENT	OF DU	R TIM	Ė
	ND.	TASK NAME/DESCRIPTION	Ť	(SEC)	ΕV	IV	LH	RH	LF	RF	CDG	AUD	VBL
2н	46	MON CAS ENG MODE LT DARK - CAS ENG MODE DISENGAGED	1	.78	0	100	C	U	0	С	20	Ú	Ü
2H	47	RUTATE CAS ENF KNÜB	1	2.45	0	100	C	C	¢.	0	20	0	C
2н	48	PEAD CAS ENG VALUE ON DIGITAL INDIC	1	1.04	0	100	C	0	0	C	20	0	Ů
24	49	PRESS TIME PATH MODE SW	1	1.35	Ů	100	C	100	ů	С	20	c	(,
214	יל	MON TIME PATH MODE LT GREEN - TIME PATH MODE ENGAGED	1	• 78	O	100	ί	ί	o	O	2ύ	O	ť
2∺	51	MON TIME PATH MODE SW DARK - TIME PATH MODE DISENGAGED	1	.78	C	100	C	Ĺ	C	Ċ	20	c	U
2Н	58	ACT LEFT AGCS LIGHTS TEST SW	1	2.00	0	¢	c	100	0	C	20	0	c
24	53	MON AGCS PANEL LTS Test	ï	2.(0)	ΰ	10ι	C	Ü	υ	O	20	o	C.
24	54	ACT RIGHT AGCS LIGHTS TEST SW	1	2.00	C	c	C,	100	Ü	õ	20	0	(-

	TASK	•	S	DUR	Сн	IANNEL	ACTI	VITY -	- PERC	ENT	OF DU	R TIM	E
	NC.	TASK NAME/DESCRIPTION	I T	TIME (SEC)	EV.	IV	LH	RH	LF '	RF	COG	AUD	VBL
<b>5</b> J	61	MON ROLL ATT INDIC	1	2.02	0	100	O	0	c	0	20	0	0
? J	G 2	MUN PITCH ALTITUDE INDIC	1 2	1.12 10.00	0	10¢	C C	0	0	0	2¢ 10	0	0
2 J	03	MONITOR ALTITUDE DIGITAL CALLOUT	1	• 78	0	100	Ċ	Ċ	0	Ú	2 <b>G</b>	0	0
2J -	(4	MON FLT PATH ACCEL INDIC	1	2.19	0	100	O	0	0	. 0	20	0	c
2 J	( •5	MEN FLT FATH ANGLE INDIC	1	2.19	C	100	C	<b>O</b> ,	0	0	20	С	0
2 J	( 6	MGN PITCH FLT DIREC	1	2.19	0	100	c	O	. 0	C.	20	C	υ
2 J	r: 7	MON POLL FLT DIREC	1	2.19	0	100	C	0	0	o	20	0	c
2 J	1.6	MON ACCEL COMMAND	1	2.19	0	100	C	Û	0	c	· 20	C	Ú
2.1	0.6	MON FLT FATH ANGLE COMMAND	1	2.19	Ü	106	C	c	٥	0	20-	o	(·
Sl	1(	MON FLT PATH COMMAND TO NEXT WPT	ì	2.19	C	100	c	0	0	0	20	0	0
5 J	11	MON FLT FATH COMMAND TO DESTINATION IN 3C SECONDS	1	2.19	0	100	С	0	o	0	20	0	0
21	1.2	MON WAYPGINT IDENTS	1	2.19	0	106	C	C	0	C	20	o	C
2 J	13	MON ILS BOX	l	2.19	o	100	C	c	Ü	0	20	Ú	Ģ
2 J	14	MON ILS CROSS	1	2.19	0	100	C	0	Ú	ΰ	20	Ü	e
? J	15	DICIV VT WOM	1	2.19	Ċ	100	C	C	٥	C	20	c	O
2 Ј	16	ACT EALI AUTO SW	2	2.13 2.35	0	100 100	C	100 100	Ç Ü	C C	20 20	o o	ti ti
? J	17	SEL MAN EADI PITCH REF MODEZAUN SW ET ON	1	2.13	C	100	c	100	G	C	20	O	0
2 J	ì.E	RUTATE PITCH REF KNOB TC SELECT PITCH	1	2.05	e	100	. 0	100	o	0	20	G	r
21	19	MON PITCH REF INDIC	1	1.12	0	100	Ĺ	Ĺ	3	Ü	Συ	Ü	0

	TASK CODE		S	DUR TIME	СН	ANNEL	ACTI	VITY -	- PERO	ENT	OF DU	R TIM	E
	NO.	TASK NAME/DESCRIPTION	Ť	(SEC)	EV	IV	LH	RH	LF	RF	COG	AUD	VBL
21	. 2C	ROTATE DH KNOB TO Select dh value	, i	2.44	0	· · · C	c	100	' <b>6</b>	· 0	20	С	0
5 J	21	MON DH INDIC	2,	1.11	0	100 100	c	0	0	0	20 20	0	G
51	22	MON FLASHING CENTER DOT ON EADI	1	2.27	0	100	C	0.	C	0	20	0	(,
Sl	23	ACTUATE DH TEST SW	ì	2.27	0	10C	C.	10¢	Ċ	G	20	U	Č
2 J	24	MON 10C FT INDIC ON EADI	1	2.27	0	100	Ĺ	Û	0	. 0	20	0	G
S 1	2.5	SELECT LAND MODE	.1	2.67 2.67	0	10C 10C	0 100	100 0	0	<b>0</b> 0	20 20	0	0
S J	2 t	SELECT CRJISE MUDE	1 2	2.67 1.35	0	10¢ 10¢	( (-	100 100	oʻ	ပ် 0	20 20	C O	Çi C
2 J	27	SELECT TEST MODE	1	2.67	0	100	Ç.	100	o	o	20	0	G
2 J	2 F	MON EADI TEST PAT	1	2.67	0	100	(	ι	. 0	C	26	0	0
2.J	29	SELECT SPD ERR OPTIG	1 2	1.35 2.15	c o	10¢ 10¢	c	100 100	0 g	0	20 20	0 0	c G
2 J	36	MON SPO FRR BAR	1	1.35	o	100	ι	100	υ	ø	20	C	ι
2 J	31	SEL ILS OPTION	1 2 3	1.35 2.15 2.15	ύ 0 0	100 100 100	( ( 100	100 106 6	0 0 0	0 0	20 26 20	0 0 0	0 0
2 J	32	SEL TV CPTION	1 2	2.15 1.25	υ ü	10t 10C	C	100	00	c C	20 20	c o	6 6
? J	35	SEL FPT DIR UPTION	2	2.15 1.35	0	10C 10C	(	100 100	ن د	0 0	2¢ 2¢	c c	C
2 3	34	SELECT V-NAV OPTION	1 2	1.32 2.15	(· ()	100 100	C	100 100	0 0	C C	2 C 0	i, G	(· (
2 J	. 2 F	SELECT FUNWAY OPTION	1 2	1.36 2.15	Ö C	100 100	Ç	166 100	ن ئ	C.	20 20	ë U	(
? J	3 t	ADJ HADI BRIGHTNÉSS	1	2.60	6	100	Ú	100	ΰ	0	20	G	C
2 J	27	ADJ EADI CONTRAST	1	2.60	C.	100	· c	100	O	Ů	20	0	ι

	TASK.			2 1	DUR TIME	CI	IA NNE L	AC T	YTTY	- PER	CENT	OF DU	R TIM	<b>E</b>
	NO.	TASK	NAME/DESCRIPTION	7	(2FC)	٤V	IV	FH	RH	LF	RF	COG	AUD	VBL
2K	(1	SEL	TRACK UP OPTION	1	2.64	0	100	0	100	. 0	0	20	. 0	o
				2	1.97	Ô	100	O	100	Ū	Ü	20	Ö	(·
				3	2.60	O	100	100	O	0	ō	20	ō	0
				4	2.67	ŏ	100	100	Ğ	ŭ	ō	20	ŏ	Ö
2K	62	SEI	NORTH UP OPTION	1	2.64	o	100	C	100	c	0	20	0	U
2.1	٠.	3	NONTH OF BEILDIN	Ž	1.97	č	100	Č	100	ŏ	. 0	20	ŏ	Ö
				3	2.CC	č	100	100	100	ŏ	ŏ	20	ŏ	
			,	4	2.67	Ö	100	100	C	ů	o o	20	o o	U O
		C " (	TEST COTTON					•		_	_			
2.K	63	2 F F	TEST OPTION	1	2.64	G	100	C	100	. 0	0	20	0	O
				2	1.57	0	106	0	100	0	0	20	0	0
				3	2.00	0	100	100	O	0	0	20	٥	Ú
				4	2.67	O	106	100	C	o	0	20	O	Ŀ
ŠΚ	0.4	MON	MFD TEST PATT	1	3.00	C	100	C	Ĝ	0	C	20	Ċ.	O
2K	( 5	SEL	1 NM MAP SCALE	1	2.65	О	100	C	100	0	0	20	C	C
				2	1.92	G	100	Ġ	100	0	G	20	0	C
	,			3	1.96	C.	10C	100	C	G	0	20	Ú	G
				4	5.68	Ü	100	100	O	0	0	20	0	0
5 K	i t	SEL	2 NM MAF SCALE	ı	2.65	٥	100	(	100	o	٥	20	0	C
				2	1.92	Č	100	Č	100	Ğ	ō	20	č	ō
				· 3	1.96	ō	100	100	Č	ŏ	ŏ	20	ō	ō
				4	2.68	Ö	106	10¢	Č	ŏ	ŏ	20	ŏ	Č
2 K	6.7	SEL	4 NM MAP SCALE	1	2.65	0	100	c	100	c	G	20	0	Ü
				2	1.92	ō	100	č	100	ō	Õ	20	ŏ	Ü
				3	1.96	ŏ	100	100	U	Ü	ò	20	č	6
				4	2.68	Č	100	100	ç	ŏ	Ö	20	č	ŭ
2ĸ	6.8	3 5 1	8 NM MAP SCALE	1	2.65	0	106	į.	100	ŭ	0	20	0	<b>(</b> )
- •	٠.	3.4	7 IV HAT SCALE	2	1.92	Ö	100	ì	160	ő	Ö	20	ő	Ü
				3	1.96	ĭ	100	100	Ü	ŏ	ŏ	26	ő	Ü
				4	2.68	Ğ	100	100	Č	č	Ö	2 Ú	Ö	Ü
2×	19	661	16 NM MAP SCALE	1	2.65	c	101	c	100	0	С	20	ú	o
۵.		J I. L	IC WIN HAT SUPEL	2	1.92	0	100	Ċ	100	Č	ŏ	20		Ċ
						G	100	100	0	ů	Ö		0	
				3 4	1.96	0	100	100	G	o o	0	20	Ö	(i
				4	2.68	U	100	100	U	9	U	20	U	(
2K	10	SEL	32 NF MAP SCALE	1	2.68	Ç	100	C	100	C	C	. 20	0	(.
				2	1.92	G	100	(	100	Ç	C	20	Ü	e
				3	1.96	O	100	10C	c	0	0	20	0	Ç
		. •		4	2.68	C	100	10€	U	0	Ü	20	C	Ċ
2K	11	M(IN	MAR SCALE CALLOU	ī	.83	0	106	C.	c	o	C	20	Ü	(
2×	12	MUN	I NM MAP VIDEO	1	2.27	0	100	C	Ú	ō	0	20	O	C
?к	12	MűN	2 NM MAP VIDEO	1	2.27	C	100	Ç.	Ú	ů	0	26	O	c

	TASK CODE.			S	DUR Time	СН	ANNEL	ACTI	VITY -	PER	CENT	OF DU	R TIM	E
	NG.	TASK	NOITGINDS G C SMAN	T	(SEC)	ΕV	ΙV	LH	RH	LF	RF	COG	AUD	V B L
2K	14	MON	4NM MAP VIDEO	1	2.27	0	10C	·c	Ü	٠.	O	20		0
				. 2	10,00	0	10	С	0	O	0	10	0	O
2K	is	MON	B NM MAP VIDEO	1	2.27	0	100	O	0 -	0	c	20	0	0
2K	16	MON	16 NM MAP VIDEO	r	2.27	0	10c	C	Ú	0	0	20	C	C
2 K	17	MON	32 NM MAP VIDED	1	2.27	U	100	·c	Ú.	<b>o</b> .		20	O	C
				2	17.00	0	100	C	0	O	Ü	· 8C	O	O
2K	18	SÉL	NAV AIDES OPTION	1	2.(7	Û	100	. (	100	0	0	20	0	0 -
				2	2.13	U	100	100	0	0	Û	20	0	(·
				3	1.38	0	100	7 (**)	100	. 0	. 6	20	0	O
					1.38	0	166	100	Ù	O	Ç	20	Ü	Ĺ
2 K	J c	SEL	TEFRAINE OPTION	1	1.38	U	106	100	C	0	0	2 C	o	e
				2	2.67	0	100	C.	100	0	0	20	0	0
			•	3	1.38	C	100	C	100	Ö	0	20'	Ç	U
				• 4	2.13	Ú	100	100	0	0	0	20	O	Ŀ
2K	21	SEL	AIFPORTS OPTION	i	1:37	Ċ	106	100	c	ر	٥	20	0	C
	_			2	2.67	0	160	Ĺ	106	Ü	Û	20	Ó	0
			•	`3	1.33	C	10C	C	100	Û	· C	20	O	C
			•	' 4	2.13	C	100	100	C	O	0	20	0	O
2K	21	SÉL	WPT ALT OPTION	1	1.46	O	100	٠. ر	100	Ų	0	20	c	€.
				2	2.07	0	100	Ĺ	100	O	C	20	0	Ĺ
				3	1.38	O	100	100	Ü	Ų	Ç	20	Ç	į,
				4	2.13	O	10¢	100	0	0	0	20	0	С
2K	22	SEL	GPP CPTION	1	1.37	C	10(	· ·	100	0	O	2 C	Ċ	U
				2	1.33	0	10(	100	C	Ù	O	20	O	0
				્ 3	2.07	C	10(	(	100	Ç.	C	20	0	O
				4	2.13	Ü	10(	100	Ċ	Ü	U	20	Ĺ	C
2⊀	23	SEL	T NAV OPTION	1	2.13	G	100	100	L	Ç	Ç	20	C	0
	_			2	1.38	C	100	100	Ü	O	ſ.	20	0	t:
				3	2.67	9	160	0	100	. 0	O	20	0	C
			•	4	2.13	С	100	100	C	o	C	·2(·	Ü	(
2K	24	SEL	ALT RANGE JPTION	ì	1.38	C	166	100	C	U	e	20	C	O
				2	2.47	(-	100	1,00	Ú	C	Ü	26	O	Ć
				3	2 • 13	C.	. 100	Ċ	100	0	C	20	C	Ú
				4	1.38	0	10(	(	100	Ü	Ú	20	ú	()
2 K	25		TREND VECT	1			100		C	0	0	20	e	(
		UPTI	JN	2	2.07	O	100	100	Ç	0	0	20	O.	e
				3	2.13	C	10(	Ć	160	0	Ō	50	U	Ĺ
		•		4	1.38	ΰ	100	ć	TÚL	Ċ	3	20	С	į,
SK	£ 5	MON	NV AIDES SYMBOLS	1	1.38	C	100	100	O	ij	J	20	U	ſ
2 K	27	หยห	TERFALME SYMBOLS	1	1.38	O.	100	100	C	. 0	c	20	0	Ü
21	3.5	MON	AIRPORT SYMBOLS	1	1.38	G	100	100	O	o	0	2Ĉ	С	Ü

	TASK		S	DUR Time	CH	IANNEL	ACTI	VITY		ENT		R TIM	E
	NO.	TASK NAME/DESCRIPTION	Ť	(SEC)	E۷	IV	LH	RH	LF	RF	COG	- AUD	VBL
2K	29	MON WAYPOINT ALT WITH NAV AIDES SYM	1	1.38	C	. 10C	100	o	0	0	20	0	O
sk	36	MON GEO REF PT SYM	1	1.38	0	106	100	0	0	0	20	0	0
2K	31	MON TIME BOX AND FUTURE PTS SYMBOLS	1	.cu	C	106	c	O	o	o	20	0	0
Sĸ	32	MON ALT/RNG SYMBOLS	ı	2.00	0	100	C	C	0	0	20	c	Ü
2K	33	DESELECT TERRAINE OPTION	1 2 3 4	1.38 2.07 1.30 2.13	0 0 0	106 106 106 106	( ( 100 10(	100 100 0	0 0 0	0000	20 20 20 20	0 0 0	ີ ຢູ່ 0 ປ
24	34	DESELECT NAV AIDES OPTION	1 2 3 4	1.38 2.07 1.38 2.13	0 0	100 100 100 100	0 0 100 100	100 100 0 6	0 0 0	0 0	20 20 20 20	0 0 0	0 0
24	3 <i>6</i> ,	DESELECT AIRPURTS CPTION	1 2 3 4	1.38 2.07 1.38 2.13	c 0 0	106 106 106 106	0 100 100	106 100 6 C	000	0 0 0	20 20 20 20	0	0 0 0
5 K	37	DESELECT WPT ALT CPTION	1 2 3 4	1.38 2.07 1.38 2.13	C 0 0	100 100 100 100	C 10C 10C	166 160 6	0 0	0 0 0	20 20 20 20	000	0 0 0
2⊀	3.6	DESELECT GRP OPTION	1 2 3 4	1.38 2.07 1.38 2.13	0 0	100 100 100 100	0 100 100	100 100 0 0	0 0 0	0 0 0	20 20 20 20	0 0 0	0 (- ()
24	39	DESELECT T NAV	1 2	1.38	o o	106 106	C (°	100 100	o o	0	26 20	0	0 0
2қ	41	DESELECT ALT RANGE OPTION	1 2 3 4	1.38 2.67 1.38 2.13	0 0 0	100 100 100 100	C C 10C 10C	100 106 6 0	0 0 0	0 0 0	20 20 20 20	0 0 0	0 0 0
24	47	DESELECT TREND VEC OPTION	1 2 3 4	1.38 2.67 1.38 2.13	0 0 0	10( 10C 10C 10C	0 0 100 100	166 166 0 0	0 0 0	0 0 0	20 20 20 20	0 0	(. 0 ŭ 0
2K	47	MON HOLDING PATTERN SYMBOL	ı	i.38	c	100	(	106	c	ن	26	Ċ	Ų.
2⊀.	43	MON ADIZ BORY SYM	1	1.38	ů.	160	C	100	Ċ	c	20	0	Ç.
24	44	MGN FIR BORY SYMBOL	1	1.36	Ú	100	· ·	100	Ü	С	26	o	Ĺ

	TASK Code		S	DUR	СН	ANNEL	ACTI	VITY -	PERC	ENT	OF DU	R TIM	E
	NO.	TASK NAME/DESCRIPTION	T	TIME (SEC)	٤v	TV	LH	RH	LF	RF	CDG	AUD	VBL
2K	45	MON OFFSET FLT PATH SYMBOLS	1	1.38	0	100	0	100	0	0	20	0	O
2K	46	MON STRAIGHT TREND VECTOR SYMBOL	1	16.60	0	10	C	0	0 · -	0	10	0	. 0
2K	47	MUN TRACK ANGLE SYM	1	10,-60	0	16	c	0	0	0	10	. 0	0
2K	48	MON AGES MODE INDIC	1	.83	0	100	c	C ·	o	0	20	0	0
2K	49	MON GROUND SPEED INC	1	. 79	c	100	C	O	o	C	20	oʻ	ť
2K	50	MON NAV MODE INDIC	1	•79	G	100	C	. 0	ο.	C	20	G	Ü
ŻΚ	51 <sup>'</sup>	MUN WIND DIREC/VEL INDIC	1	.79	C	100	c	c	0	0	.20	0	. 0
2K	5 2	MON FTL PATH SYMBOL	1	10.60 -	C	10	c	0	. 5	. O.	10	C	C
2K	53	MON HOC POINTER AND SYAT	; <b>1</b>	2.03	0	106	. <b>c</b>	υ	0	G	20	C	c
2 K	54	ADJ MFD ERIGHTNESS	,1	2.10	C	100	С	100	o	0	20	C	C
24	55	ADJ MED CONTRAST	1	2.60	0	100	Ĺ	106	0	o	20	0	0

	TASK		2 1	DUR Time	CH	IANNEL	AC.TI	VITY	- PER	CENT	OF DU	R TIM	E
	NO.	TASK NAME/DESCRIPTION	Ť	(SEC)	EV	IV	LH	RH	LF	RF	COG	AUD	VBL
21	01	RESET TIAIM SEL SW	1	2.67	0	100	O	100	C	Ü	20	o	0
2L	02	ADJ NCOU DIM CONT	1	2.29	0	100	ť	100	0	0	20	0	O
2L	(3	MON NCDU ALERT LT ON	1	2.08	0	100	C	C .	0	0	20	0	0
2L,	C 4	MON NCDU ALERT LT	1	2.08	0	100	Ç	Ü	0	0	20	O	O
2L	05	MON NODU FAIL LT ON	1	2.C8	0	100	G	0	0	0	20	Ú	C
2 L	16	MON NODE FAIL LT OFF	1	2.08	0	100	C	C	0	C	20	c	O
21	0.7	MON INITILIZE MODE DATA	2 3	2.34 2.05 4.00	0	100 100 100	C C	<b>C</b> 0	0 0 0	0	20 20 20	0 0 0	С О
2 L	( B	MON ATC CLR MUDE DATA	2	2.34 2.08	0 ა	100 100	C G	G C	0 0	ů ů	20 20	0	0
2L	(9	MON FLT PLN 1 MODE Data	1 2	2.34 2.08	<b>U</b> 0	10C 100	C O	0	0	G O	20 20	O O	<b>C</b>
?L	10	MON FLT PLN 2 MODE DATA	<u>i</u> 2	2•34 2•08	0	100 100	G C	Ċ.	0	C C	20 20	c o	0 0
2 L	11	MON NAV DATA 1 MGDE Data	1	2.34 2.66	0 0	10t 100	C C	(i (i	0	0	20 20	0 0	<b>0</b>
SL	12	MON NAV CATA 2 MODE DATA	2	2.34 2.66	0	190 100	C	G G	ů	0	20 20	ů O	0 0
2 L	13	MON NAV DATA 3 MEDE Data	2	2.34 2.06	ů C	100 100	C	0 6	n O	0 0	20 20	ů Č	o e
2L	] 4	MON SEL 1 MODE DATA	2	2.34 2.08	c C	10C 10C	C	c o	0	0	20 20	0	0
? L	1.5	MON SEL 2 MODE DATA	2	2.34 2.08	0 0	100 100	(	Ö	ပ 0	0	20 20	0	o o
ZL	16	MON LOCK UP 1 STATUS DATA	1 2 3	2.34 2.08 7.00	0 0 0	10C 10C 10C	( ( (	6 0 0	0 0 0	ù C O	20 20 20	ė 0 0	G U O
SL	17	MON LOCK-JP 2 ROUTE DATA	2	2.34 2.08	0	106 106	Ċ	o O	0	0	20 20	υ 0	t: ()
۶۲	18	MUN LUCK-JP 3 AIRPPT DATA	2	2.34 2.08	0	100 100	(	0	ა 0	0	20 20	ù 0	ů Ů
ŞL	19	MON LINE 8 MESSAGE	1 2	2.34 2.66	0 0	100 10L	(,	0	0	0 0	20 20	0	0

	TASK		S	DUR Time	ÇH	IANNEL	ACTI	VITY	- PERC	ENT	OF DU	R TIM	£
	NO.	TASK NAME/DESCRIPTION	Ť	(SEC)	E۷	. [V	LH	RН	LF	RF	COG	AUD	VBL
2L	20	PRESS ENT KEY	1 2 3	1.47 1.51 1.35	0 C 0	10¢ 10¢ 10¢	C C	100 100 106	, , , o	O G	20 20 20	0 0 0	0 0
2L	21	PRESS EXEC KEY	1 2 3 4	1.42 1.46 1.35 1.52	0 0 0	100 100 100 100	; 0 ; 0 0	100 100 100 100	0 0	0	20 20 20 20	0 0	6 ·
2 L	22	PRESS KEJ KEY	1 2	1.53 1.35	С 0	10¢ 10¢	e G	10 <b>C</b> 1 <b>C</b> 0	0	ů O	50 50	0	0 0
2L	23	PRESS CLE KEY	1 2	1.53 1.35	O G	100 106	0 C	100 106	տ <i>†</i> 6	0	50 50	С О	0
2L	24	PPESS UP KEY	1 2	1.50	0	100 100	<b>c</b> 0	100 100	o o	0 0	20	0 0	0
2L	25	PRESS DOWN KEY	1 2	1.56 1.32	0	106 106	c c	100 100	Ö	C O	SO SO	Ċ	0
2 L	? <b>£</b>	PRESS NG.1 KEY	1 2 3	1.45 1.41 1.35	0 0 0	100 100 106	0 C C	100 100 160	0 G	0 U 0	20 20 20	0 0 0	0 (i
2 L	27	PRESS NO.2 KEY	2	1.35 1.48	0	10C 10C	C	100 100	ပ် ဝ	ů G	20 20	C 0	C C
?L	2.8	PRESS NO.3 KEY	1 2	1.35 1.45	°.	100 100	Ç	166 100	0 0	0	"20 20	ů G	C G
2 L	29	PRESS NO.4 KEY . ,	2	1.35 1.46	0	106 106	¢ C	100 100	ů O	ن 0	20 20	Ċ	c c
2L	30	PRESS NO.5 KEY	1 2	1.35	0	100 100	C.	100 100	0	°G U	20 20	0	C
2 L	31	PRESS NO.5 KEY	1 2	1.35 1.44	0	100 100	C	100 100	Ú C	G.	20 20	e o	0
SL	32	PRESS NO.7 KEY	1 2	1.35	0	100 100	C	100 100	0	0 0	20 20	o o	(
۶٢	33	PRESS NO.9 KEY	1 2	1.44 1.35	0	160 100	c c	100 100	o c	0 0	20 20	ů	6 6
21	34	PRESS NL. 3 KEY	1 2	1.35 1.40	o G	100 100	C	100 100	0 0	e 0	20 20	o C	c c
2 L	35	PRESS NC.3 KEY	1 2	1.35 1.46	Ö Ü	10t 1 <b>c</b> (	Ċ	100	0 ن	C	20 20	0 0	0
2 L	3*	PRESS . (DECIMAL PT) KEY	1 2	1.35	. o	100 100	(	100 100	0	0	20 20	0	i. O

	TASK		S I	DUR Time	СН	IANNEL	ACTI	YTIV	PERO	ENT	OF DU	R TIM	£
	ND.	TASK NAME/DESCRIPTION	Ť	(SEC)	E V	IV	LH	RH	LF	RF	COG	AUD	VBL
<b>2</b> L ·	37	PRESS A/WPT KEY	1 2	1.35	0	100 100	C	100 100	0	0	20 20	o o	c C
21	38	PRESS BIAWY KEY	1 2	1.35 1.46	0	100 100	C	100 100	0	0	20 20	0	0 0
2L	39	PRESS C KEY	1 2	1.38	0	10C 10C	Ç	100 106	0 0	C	20 20	0	C: U
2L	40	FRESS D KEY	1 2 3	1.35 1.32 1.46	0 0 0	100 100 100	C O C	100 100 100	0 0	0 0 0	20 20 0	0 0 0	0 0
21	43	PRESS Ł KEY	1 2	1.35	C C	100 100	. (	100 100	0	0	2G 20	.0	C C
2 L	42	PRESS F/F-L KEY	1	1.35 1.46	0	10¢ 10¢	C C	10C 10G	. °C .	0	20 20	0 0	Ç.
2 L	43	PRESS G/ALT KEY	2	1.35	0 0	10¢ 10¢	Ç	166 100	ů ů	0	20 20	0 6	ŭ
2 L	44	PRESS HIRTE KEY	1 2	1.48 1.35	<b>c</b>	106 106	C	166 106	0	<b>0</b>	20 20	o o	0
21	4 %	PRESS I/F#Y KEY	1 2	1.45 1.35	ć	100 100	Ç	100 100	G C	C C	20 20	0	C-
Sr	4+	PRESS J KEY	1 2	1.35 1.46	0	100 100	, C	106 106	0 0	O O	20 20	0	6 6
?L	47	bbe22 K KEA	2	1.35 1.46	υ 0	100 100	c C	100 100	0	Ç	20 20	c C	Ç.
٤L	48	PRESS E KEY	i 2	i.35 i.40	G - U	100 100	( (,	100 106	ن ن	G G	20 20	Ú Ú	0 (:
\$L	49	PRESS MICS KEY	1 2	1.47 1.35	0	100 100	C	100 100	<b>o</b> 0	0	2U 20	Ů	(·
2 L	5r	PRESS N. KEY	1 2	1.41	0	100 100	(	100 100	0 5	C	20 20	0	Ó O
2L	5.)	PRESS UNSID KEY	1 2	1.35 1.46	Ć Ū	10( 10(	(	100 100	o G	0	20 20	U G	ს 0
2 L	÷. <u>7</u>	PRESS FISTAR KEY	1 2	1.35 1.46	0	100 100	Ç	100 100	c o	O O	20 20	0	Ç.
2 L	ž 3	PRESS Q KEY	1 2	1.35 1.46	0	100 100	i.	100 100	Ü	C O	20 20	0 <b>0</b>	0 U
2 L	<u> </u>	PRESS # KEY	1 2	1.35 1.46	O C	100 100	(	166 100	c o	0 0	20 20	o o	0 U

	TASK		S	DUR	CH	IANNEL	ACTI	VITY	- PERC	ENT	OF DU	R TIME	
•	CODF NO.	TASK NAME/DESCRIPTION	I T	TIME , (SEC)	EV	IV	·LH	RH	LF	RF	cae	AUD N	/BL
SL	55	PRESS S KEY	2	1.35 1.46	0	100 100	, C	100 100	O: .	0.	20	0	0
2L	56	PRESS T/PTA KEY	1 2	1.35 1.46	0	10C	C C	100 100	0	0	, 20 20	C C	() ()
Sr	57	PRESS U KEY	.;2	1.36 1.46	0	100 100	(	100 100	Ç O	0	20 20	O V	Ó
2L	58	PRESS V KEY	1 2	1.35 1.46	0	100 100	G G	100 106	0	0	20 20	C U	0
ZĹ	• 9	PRESS W KEY	1 2	1.35 1.46	0	100 100	i L	100 100	ွပ	. e ·	20 20	<b>0</b> 0	( ·
21	99	PRESS X KEY	1 2	1 • 35. 1 • 46	C	1 <b>0(</b> 100	. (°	166 166	0	0	20 20	0	0
21	£ !	PRESS Y KEY	1 2	1.35	O, G	106 106	0	100 100	ů o	0.	20 20	, <b>U</b> Ù	0
2 L <sub>.</sub>	62	PRESS Z KEY	1 2	1.35 1.46	0	100 100	0	100 100	0	0	20 20	Ü	0
SL	63	PRESS INIT KEY	1 2	1.48	c	. 10C	C C	100 100	0	· C	20 20	t O	υ 0
2L	64	PRESS ATC CLR KEY	1 2	2.63	0	100 100	(	100 100	, 0	o o.	20 20	G O	í O
			3	1.46	Ċ	100	C	100	0	o'	20	Ğ	0
21	65	PRESS FLT PLN KEY	i 2 3	2.03 1.40 1.35	0 0	100 100 106	( C i	100 100 100	0 0	C O	20 20 20	0 0	(
21	ćŧ	PRESS NAV DATA KEY	i 2 3	2.63 1.46 1.35	0 0	100 100 100	( ( 0	100 100 100	O G G	0	20 2ú 20	0 6 0	0
2 L	ć 7	PRESS SEL KEY	1 2	2.63	o c	100 100	ů L	100 100	0 Ú	0	20	Ü C	6
٦.	4 C	00100 1507-10 75"	3	1.46	6	166	Ĺ	100	Ĉ	0	20	Ü	Ó
ΣL	4,6	PRESS LOGK-UP KEY	2	2.03 1.39 1.46	ი ი ე	100 100 100	( (	166 160 160	ა 0 0	0 0 0 ,	20 20 20	0 0 0	0
21	و د	MON NODA TEST FORMAT	1	5.66	Ü	100	L	Ŀ	O	į.	20	o.	Ü

÷:

	TASK		S I	DUR Time	СН	IANNEL	ACTI	YITY		CENT	OF DU	R TIM	Ε
	NO.	TASK NAME/DESCRIPTION	T	(SEC)	ΕV	IV	LH	RH	LF	RF	COG	AUD	VBL-
3 A	0.1	MONITOR INDICATED	1	2.00	O	100	Ç	G	ن	0	20	0	0
		AIRSPEED INDIC	2	2.05	0	100	C	C	0	0	20	C	0
			3	2.37	0	100	С	0	0	0	20	٥	0
			4	2.11	C	106	O	0	0	0	20	C	0
3 A	c 2	SET VI BUG	1	2.57	0	20	100	Ü	0	G	2ú	0	O
		•	2	5.00	0	26	100	O	0	0	20	0	. 0
			3	2.57	0	SC	C	100	Ú	0	20	0	0
3 A	(3	MON IAS POINTER	2	2.05	0	100	O	G	0	0	20	0	0
	•	PASSING V1 BUG	3	2.37	0	106	C	0	o	0	20	Э	0
			4	2.11	· 0 ·	100	C	Ç	C	Ú	20	c	Ü
34	(4	MON V1 BUG SETTING	1	2.57	O	80	Ü	C	ø	C	20	C	<b>c</b> .
			2	5.Cú	C	86	0	Ü	ü	0	20	O	(·
3,A	( 5	SET V-REF BUG	1	5.00	C	20	100	O	υ	0	20	O	Ċ
			2	2.57	0	20	100	G	0	0	20	Ü	0
			3	2.57	0	20	C	100	<u>ں</u> ن	Ü	20	0	¢.
3 <u>A</u>	0.6	MON IAS POINTER	1	2.60	C	100	C	0	0	. 0	20	C	e
		PASSING V-REF BUG	2	2.65	0	100	C	Ů	Ċ	Ü	20	Q	U
			3	2.37	0	100	0	0	0	0	20	Q	0
			4	2.11	O	100	(,	C	0	Ö	20	o	С
3 A	¢7	MON V-PEF BUG	1	5.00	0	86	Ç	Ć	0	٠ ر	20	Ç.	Ů
		SETTING	2	2.57	0	80	Ç	C	0	0	20	0	ņ
			3	2.37	0	8(	C	C	G	C	20	Ü	G
3 A	9.3	MON IAS POINTER	1	2.00	0	100	C	0	0	C	20	0	0
		CVERLAPPING V-MO	2	2.05	O	100	Č	U	ý.	C	20	0	O
		INDIC	3	2.37	0	100	C.	C	o	Ú	2C	C	C.
			4	2.11	C	100	C	C	0	0	20	0	O
34	( 9	MON IAS ED KNOTS	i	2.65	U	100	(	Ċ	O	O	20	Û	i
			2	2.11	Ü	100	Ç	U	C	Ü	20	0	0
			3	2.37	O	100	С	U	Ü	Ü	20	O	( ·
3 A	10	MONITOR AIRSPEED	1	10.00	0	10	C	C	(i	ΰ	12	0	O
		INDIC	2	5.00	C	- 16	C	Ü	9	C	12	0	0
			3	36.66	C	10	C	G	0	Ü	12	Q	Ų.
	•		4	66.Ci	o	1(	C	Ü	Ú -	0	12	Ù	U
3.4	13	MONITOR AIRSPEED	1	300.00	0	10	C	G	O	0	12	o	U
		INDIC	2	120.00	C	16	C	0	Ü	0	12	0	C
			3	90.00	Ċ	1(	C	ı	С	Ú	12	Ú	•
ĄΛ	12	F.C. CHECK CAPTIS V-REF BUG SETTING	ì	3.00	<b>.</b>	10ι	ι	Ü	ű	G	2¢	. 0	0.
34	13	CAPT CHECK F.O.≤S V-REF BUG SETTING	1	3.60	Ű	166	C	C	o	O	20	O	c

	TASK		S	DUR TIME	СН	ANNEL	ACT I	VITY -	- PER	CENT	OF DU	R TIM	E ·
	NG.	TASK NAME/DESCRIPTION	Ť	(SEC)	ΕV	IV	LH	' RH	/LF	TRF	COG	. AUD	VBL
3F	(1	MON MACH NO INDIC	1	2.00	0	100	0	0	.0.	0.	20	0.	U
		•	2	2.05	0	100	£.	0	0	0	- 20		0
			3	2.37	0	10	Ŀ	0	0	C	10	C	ι
	,		4	2.11	0	100	C	C.	· O.	0:	423 <b>20</b>	U	C.
3F	(2	MON MACH AIRSPEED WARNING CLACKER	1	2.00	0	C	<b>C</b>	o`	U	O	20	150	C
3F	03	ACTUATE MACH AIRSPD	1	2.69	c	100	100	. c	0	C	20	0	0
		TEST SW	2	2.69	0	100	C	100	. 0.	. 0	20	C	(

	TASK		S	DUR Time	CH	IANNEL	ACTI	VITY	- PER	CENT	OF DU	R TIM	Ε
	NO.	TASK NAME/DESCRIPTION	Ť	(SEC)	EV	IV	LH	RH -	LF	RF	COG	AUD	VBL
3H	01	SET ALTIMETER SW	1	2.10	0	100	100	0	0	0	20	0	0
		TC ON	2	2.10	C	10C	Ç.	10ú	0	O	20	C	Ü
3н	02	MONITOR CORRECTED	1	2.05	0	10	C	í	0	C	20	0	G
		BARD ALTITUDE INDIC	2	•77	0	100	0	0	0	0	20	0	0
			3	2.13	C	100	C	Ĺ	0	C.	20	G	
			4	2.37	0	100	Ĺ	O	0	0.	20	0	ů O
311	c3	SET ALTIMETER BARD	1	5.00	0	10	100	0	0	0	20	C	C
		SETTING CONTROL	2	2.65	0	10	O	100	O	0	20	0	0
			3	2.65	0	10	1 C C	ن	0	0	20	0	0
			4	5.00	O	10	C	100	0	C	26	0	(;
3 H	0.4	MONITOR ALTIMETER	1	.77	c	9(	C	ı	C	C	20	0	0
		BARD SETTING INDIC	2	2.37	ο.	90	C	C	0	0	20	Ü	O
			3	2.65	Ú	90	C	Ū	0	0	20	0	0
			4	5.00	0	90	C	0	0	C	20	0	G
34	r5	F.U. CHEC< CAPT≦S ALTIMETEP BARD SET AND INDICATED ALTI- TUCE	1	3.00	0	100	(	Ú	Ü	c	20	O	O

	TASK		S	DUR Time	СН	AŅNEL	ACTI	VITY -	- PERC	ENT	OF DU	R TIŅ	E <sub>.</sub>
	ND.	TASK NAME/DESCRIPTION	ī		. EV	IV	LH	RH	LF	RF	COG	AUD	VBL
31	<b>(·)</b>	MON RADIO ALTIMETER ALTITUDE INDIC	1 2	2.15 2.23	0	100 100	0	Ò	, 0	0	20 20	. C	c c
3 J	. C2	MON RADIO ALTIMETER WARNING FLAG IN VIEW	1 2	2.15 2.23	0	100 100	C	<b>6</b> .	. 0	. 0	20 20	C	0
3 J	0.3		2	2.15 2.23	0 C	100	C	G O	0	0	20 20	0	<b>6</b> 0
3 J	04	ADJUST RADIO ALTI- METER MIN DECISION ALT CURSOR CONI	2		0	106 106	106	C 100	0	0 C	20 20	. 0	0
3 J	rs	MON RADIC ALTIMETER MIN DECISION ALT CURSOR	1 2	2 • 15 2 • 23	0	100	- <b>(</b>	0	0	O Ü	20 20	0	e U
3 J	G€.	ACTUATUR RADIO ALT TEST Sh	1 2 3 4	1.45 2.03 1.45 2.62	0 0 0	100 100 100 100	100 100 0	0 0 100 100	0 0 0	0 0 0	20 20 20 20	0 0 0	0 0 0
3 J	(7	MON RADIC ALT TEST ALT INDIC	ì 2	2.15 2.23	<b>6</b> 0	100 100	C	0	9 0	Ü O	20 20	c o	0 U
3 J	6.0	MON RADIO ALT MDA LT CN	1 2	2.15 2.23	0 0	106 106	C	0 C	0 0	0	20 20	Ö	o c
3 J	ιo	MON RADIC ALT MDA LT OFF	1 2	2.15 2.23	0	10¢	i e	Ü	0	ti U	26 20	C C	(; 0

	TASK		S I	DUR Time	CH	IANNEL	ACTI	VITY -	PER	CENT	OF DU	R TIM	€.
	NO.	TASK NAME/DESCRIPTION	Ť	(SEC)	ΕV	IV	LH	RH	LF	RF	COG	AUD	VBL
3 K	01	SET NEW ALTITUDE ON ALTITUDE ALERT PNL	1 2	5.00 2.72	0	10 10	100 C	0 100	0	0	20 20	0	0
3K	(2)	MON ALT ALERT ALT	1	• 76	0	90	¢	Ċ	0	0	. 20	0	0
		INDIC	2 3	2.72 5.60	0	90 90	C	Û	0	0	20 20	0,	Ü
3K	63	SET ALT ALERT BARD	1	2.72	0	10	100	0	0	0	Ď.	o	C
			2	5.60	C	10	100	C	0	0	0	0	0
3K	04	MON ALT ALERT BARD	1	.76	0	9(	C	C	G	0	20	0	O
		SET INDIC	2	2.72	0	9 C	C	G	U	()	20	C	0
			3	5.00	Ç	90	(	Ç	0	O	20	0	(·
3K	0.5	MON ALT ALERT LT ON	1	2.16	Ú	100	C	C	0	0	20	0	O
3K	63	MON ALT ALERT LT OFF	1	2.16	0	100	0	0	Ü	0	20	O	0
3K	6. <b>7</b>	MON ALT ALERT ALARM	1	2.16	0	100	0	0	0	0	20	e	0

	TASK CGDF	• • • • •	2	DUR Time	СН	ANNEL	ACTI	VITY -	PERC	ENT (	F DU	R TIME	E
	NO.	TASK NAME/DESCRIPTION	Ť	(SEC)	EV	· 1 V	LH	'ŔĦ	LF -	RF 5	COG	AUD	VBL
3L	61	MON VERTICAL SPEED	i	2.12	0	100	Ç	Ğ,	• o`	0		<b>Q</b> 1	O
		INDIC	2	2.03	0	100	O	0	0	0	20	0	0
			3	2.31	0	100	C	Ü	0	0	20	0	0
		•	4	2.24	0	100	C	0	0.	`O	£ 20	0	U
3Ĺ	(2	MON VERTICAL SPEED	1	10.00	0	16	G	U	0	0	12	0	U
		INDIC	2	5.00	. 0	16	Ċ	0	O	0	12	0	0
			3	30.00	ō	1c	Ċ	Ü	ō	ō	12	ŏ	0
		·	4	60.00	C	10	C	0.	ζ.	C	12	. 0	C
3L	03	MON VERTICAL SPEED	1	300.CO	0	10	C	C	0	0	12	С	G
		INDIC	. 2	120.00	ſ	10	(,	٥٠.	· o ·	0	12	0:-	: 0
			3	96.00	0	10	0	Ċ	Ö	0	12	. 0	Ü

	TASK		S	DUR Time	CH	IANNEL	ACTI	VITY -	- PER	CENT	OF DU	R TIM	ΙE
	ND.	TASK NAME/DESCRIPTION	Ť	(SEC)	ΕV	IV	LH	RH	LF	RF	COG	AUD	VBL
3N	01	WIND AND SET CLOCK	1 2	2.50 2.50	0	100 100	0 100	100	0	. 0	20 20	. 0	0
		·	_	2000	•	200		•	•	•		•	•
3N	02	MONITOR CLOCK	1	2.10	0	100	C	0	٥	0	20	0	O
			2	2.16	0	100	0	0	0	Ç	20	0	0
			3	2.24	0	100	Ĺ	U	U	Ü	20	0	0
			4	2.19	C	100	C	U	Û	0	20	0	0
34	0.3	START ELAPSED TIME INDIC	1	2.10	0	1¢	100	C	O	0	20	0	C-
3N	0.4	RESET ELAPSED TIME	1	2.10	o	16	100	0	0	. 0	20	. 0	- C

	TASK	**	. <b>s</b>	DUR	СН	ANNEL	ACTI	VITY -	PERC	ENT OF	DUR TIM	IĘ.
	C D D E	TASK NAME/DESCRIPTION	Ţ	TIME (SEC)	EV.	IV	ĻH	RH.	ĻF.	RF CC	)G AUD	, VBL
3 P	01.	ACTUATE GYRO CAGING	1	2 • 7.0	0	100	C	100.i	·;O.	C . 2		. O 3,
3 P	02	SET GYRO PITCH TRIM	1	2.22	0	106	, C	100	0	0 2	20 C	(·
3 P	<b>c3</b>	MON STOBY HORIZON INDIC PWR FAIL FLAG	4	2.22	0	1,00	. <b>c</b>	O	, ,0, -	0	20. 0	<b>,</b>
3 P	Ú4	MON AIRPLANE REF	1	2.22	0	10¢	G	С	0	C 2	0 0	C
3 P	05	MONITOR BANK ANGLE	1	2.22	0	100	. (	0	0	6 - <sub>1,1</sub> 2	20. ď	0 "
3 P	0 <i>é</i>	MONITOR PITCH ANGLE INDIC	1	2.22	0	100	Ċ	0	J.	0 . 2	20 G	e

	TASK CDDF		S	DUR Time	CH	IANNEL	ACTI	VITY -	PER	CENT	OF DU	R TIM	£ ;
	NC.	TASK NAME/DESCRIPTION	T		EA	IV	LH	RH	LF	RF	COG	AUD	VBL
3R	1 C	MON PITCH ATTITUDE	1	2.05	0	100	0	0	0	0	20	Э	٥
		INDIC ON FDI	2	.21	0	100	O	0	0	0	20	0	C
			3	2.58	0	100	C	Ü	0	0	20	0	0
			4	16.00	O	10	C	0	0	0	12	C	C
<b>3</b> P.	12		1		C.	100	Ģ	Ģ	0	G	20	Ģ	0
		INDIC ON FDI	2		O	100	C	C	0	0	20	0	C
		,	3	2.58	0	100	O	0	0	0	20	0	c
3R	12	MON DECISION HGT LT	1		0	100	Ç.	0	0	C	20	o	e e
		ON FOI	2		Ó	100	Ç	G	O	0	20	0	Q
			3	2.58	Ú	100	¢	0	0	C	20	0	O.
38	13	NON DECISION HGT LT	1	2.05	C	100	C	G	0	0	. 20	0	Ġ
		OFF ON FDI	2	2.11	0	100	Ć.	Ċ	G	0	20	0	0
			3	2.58	0	100	C	0	O	0	20	0	C
3P.	14		1		0	100	C	Ú	C	0	20	0	0
	•		2		C	101	C	C	0	0	2Ü	0	ø
		FDI	ź	2.58	Ü	100	C	()	Ü	0	20	0	С
3R	15	MON ED FLAG IN	1	2.05	0	100	C	C	0	ŏ	20	0	Ü
		VIEW ON FOI	2		0	100	Ç.	C	Û	C	20	0	O
			3	2.53	o	100	C	U	o	C	20	0	0
38	1 €		-	2.21	0	100	C	Ü	3	Ü	20	0	G
		OF DEVIATION FROM	2		C	101	C	Ü	o	0	20	0	0
		LGCALIZER ON FOI		16.66	0	50	C	C	0	0	20	0	C
			4	240.00	0	50	G	0	C	0	20	0	O
38	17,	- · · · · · · · · · · · · · · · · · · ·	1		Q.	106	Ç	Ú	0	Ç	20	Ç	0
		FDI	2		O Ú	100	(	6	Û 9	6 6	20	Ó	O
	•		,	2.58	U	100	C	L	,	U	26	O	Ģ
3 P	18		1		0	100	C	0	0	G	20	G	G
		OF VIEW IN FOI	2		9	106	(	0	Ü	0	20	Ü	0
			3	2.58	O	100	C	C	U	O	26	0	C
3 K	jė			2.05	0	100	C	C	0	0	20	0	O
		VIEW UN FOI .	2		_	106	(	Õ	Ü	Ü	20	0	Ç
			3	2.58	J -	100	U	0	0	O	20	0	O
3R	50		1		0	100	Ĺ	Ú	0	Ö	20	Ö	6
		OF VILW ON FOI	2		0	100	C	C	0	0	20	0	0
			5	2.58	Ċ	100	C	¢	J	3	20	0	U
32	21	MON RATE OF TURN	1		C	100	C	C	Ü	C	20	Ü	U
		FLAG ON FDI	S	2.11	0	100	Ĺ	Ŭ	Ų	Ü	20	Ų	0
			3	2.58	0	100	C	Ŭ	ن	ø	20	Ü	Ç.

	TASK		S	DUR Time	Сн	ANNEL	ACTI	VITY -	PER	CENT	OF DU	R TIM	E
	ND.	TASK NAME/DESCRIPTION	Ţ	(SEC)	EV	ĪV	LH	RH	LF	RF	COG	AUD	VBL
3 <i>R</i>	22	MONITOR RUNWAY	1	2.05	0	100	C	G	o	0	- 20	0	C
	-	SYMBOL OUT OF VIEW	2	2.11	C	100	C	Ö	0	0	20	0	0
		ON FOI	3	2.58	G	100	C	C	0	0	20	C	0
<b>3</b> R	23	MONITOR ATTITUDE	1	2.05	С	100	ť	C	O	O	20	0	C.
		RELATIVE TO RUNWAY	2	2.11	U	100	C.	U	0	C	26	0	0
		SYMBÜL ON FOI .	3	2.58	0	100	C	O	3	Ü	20	0	(·
3R	24	ACTUATE FOI PRESS-	1	2.61	0	100	100	0	0	e	20	0	O
		TO-TEST SW	2	1.81	С	100	C	100	,C	Ü	20	0	0
35	2.5	NON FOI TEST INDIC	1	2.05	C	10(	C	ن	Ü	C	20	C	U
			2	2.11	U	100	(,	Ĺ	Ü	Ü	20	O	0
			3	2.58	0	100	C	C	0	0	20	Đ	C
3R	26	MON GLIDE SLOPE	1	2.05	0	100	Ĺ	0	0	0	20	O	0
		FLAG CUT OF VIEW ON	2	2.11	C.	100	C	Ü	C	O	20	0	0
		FDI	3	2.58	0	10ι	C	Ü	0	o	20	G	(ı
32	27	MON GLIDE SLUPE FLAG	i	2.65	G	10¢	C	C	Ü	0	20	0	o
		IN VIEW ON ADI	2	2.11	0.	10 C	(	0	Ü	O	20	Ú	G
	-		3	2.58	C	106	0	O	o	0	20	0	Ü
3R	28	MON GYRO FLAG IN	į.	2.65	0	106	C	Ŀ	Ü	C	20	C	<b>C</b> i
		VIEW ON FDI	2	2.11	O	100	C	Ĺ	O	0	20	G	υ
			3	2.58	0	10(	C	O	Ü	Ü	20	0	(;
32	25	MON GYRO FLAG OUT GF	1	2.05	0	100	C	C	0	0	2 C	C	(;
		VIEW ON FOI	2	2.11	0	)O(	(·	Û	9	0	20	0	O
			3	2.58	0	10ι	ſ	Ù	C	Ü	20	C	0
3 R	3 C	MON GLIDE SLUPE	1	2.05	O	10ι	G	G	0	O	20	o	C
		ATTITUDE INDIC ON	2	2.11	0	100	Ç.	U	O	3	20	0	Ç
		FDI	3	2.58	0	100	C	C	0		20	C	,O
38	3]	MON A/C ATTITUDE	1	4.58	C	100	С	Ú	U	O	20	. 0	0
		LN FDI	2	2.05	C	100	(	Ŀ	Ú	C	20	G	C
			3	2.11	C	100	C	0	G	C	20	0	C
36	32	SET PITCH TRIM CONT ON FOI	1	2.71	c	10(	C	100	ù	C	20	o	c
3ų	3.3	MON RADIC ALT INDIC	1	2.05	٥	100	Ć.	o	ö	0	20	C	C
		ON FOI	2	2.11	O	100	C	Ċ	0	Ċ	20	Ŀ	Ċ
			3	2.58	Ç	100	(	0	ġ.	0	2¢	Ü	G
38	<u> </u>	MON RATE OF TURN		2.65	c	100	C	ı	L	. 0	20	0	O
		INDIC UN FOI	2	2.11	C	10C	C	C	0	C	20	Ü	C
			3	2.58	O	100	ι	Ú	0	0	2ú	0	O
38	3 5	MON SPEED POINTER	ì	2.65	O	100	Ĺ	Ċ	J	0	26	C	c
		AND CRMMAND INDIC	2	2.11	0	100	(·	C	0	U	20	U	Ü
			3	2.58	0	100	(	Ĺ	Ü	C	20	Ü	C.
38	4(	MON FO VERT SPO TAPE	1	2.61	0	100	(	C	J	Ĺ	20	С	C:

	TASK		S	DUR Time	CH	IANNEL	ACTI	LVITY	- PERC	ENT	OF DU	R TIM	E
	NO.	TASK NAME/DESCRIPTION	Ţ	_	ΕV	IV	LH	RH	LF.	RF	COG	AUD	VBL
3 R	41	SET FD PITCH MODE SEL TO ALT HOLD	1	2.92	0	100	C	100	0	0	20	0	O
3R	42	SET FD PITCH MODE SEL TO VERT SPEED MODE AND ADJUST VERT SPEED	1	2.92	O	106	c	106	C	C	26	O	0
3R	43	SET FD MODE SEL TO OFF	1	2.61	0	106	G	100	O	G	20	Č.	0
3R	44	SET FO MODE SEL TO HDG	1	.2.61	Ú	106	C	100	٥	0	20	0	0
38	4.5	SET FD MODE SEL TO RAD	1	2.61	0	100	C	100	Ø	0	20 .	c	0
32	46	SET FD MODE SEL TO BB	1	2.61	σ	100	c.	100	. 0	0	2C	C	<b>(</b> ;
38	47	CHECK THAT F.D. MODE SEL SW SET TO OFF	1	1.01	Ú	100	€.	C	0	e	20	G	ι
3F	4 19	CHECK THAT F.D. PITCH CONT SET TO FULL CLOCKWISE	1 2	2.25 .98	0 0	100 100	ľ	C C	6 6	0 U	20 20	O Ū	0
32	49	SET VHF/NAV SW TO NORMAL	1	2.53	ΰ	100	C	100	ű	Ü	20	c	e
38	50	SET VHF/NAV SW TÜ NG.1	ī	2.53	c	100	c	100	Û	0	20	0	c
38	:1	SET VHF/NAV SW TC NG.2	1	2.53	Ü	100	C	106	Ĵ	C	2ù	C	(·
30	58	SET VERT GYRO SEL SW TO NO.1	1 2	1.46 2.15	C 0	10¢ 10¢	100 100	ľ	0	0	20 20	c c	(, 0 .
38	53	SET VERT GYRO SEL SW TO NO.2	2	1.46 2.15	0 0	100 100	100 100	C C	0	0	20 20	C C	C () -
38	54	SET COMPUTER SEL SW TO NO.1	i 2 3	1.85 2.14 2.55	0 0	100 100 100	100 100 100	C C	0 0 0	C 0 0	20 20 20	O O C	C O C
38	55	SET COMPUTER SEL SW TO NG.2	1 2 3	1.85 2.14 2.55	0 :: :)	100 100 100	100 100 100	C C	ა ი ი	U C O	20 20 20	0 0 0	() (- ()
3P	. 56	MUN PITCH ATTITUDE INUIC GN EDI	2 3	5.00 30.00 60.00 300.00	0 0 C	1( 1( 16 1(	( ( (	C C O	0 0 0 0	0 0 0	12 12 12 12	0 0	0 0 0 0

	TASK		S	DUR	сн	ANNEL	ACT I	ITY .	- PER	CENT	OF DU	R ŤIM	Ē
	CDDF NO.	TASK NAME/DESCRIPTION	ī	TIME (SEC)	εV	IV	LH	RH	LF	RF	C DG	AUD	VBL
3R	57	MON PITCH ATTITUDE INDIC ON FOI	1	120.00	0	10	G	. 0	0	O_	12	0	O
3R	5.6	MON A/C ATTITUDE RELATIVE TO ROLL COMMAND BAR ON FDI	1	10.60	0	16	С	0	0	0	12	0	C
3R	59	MON INITIAL MOVEMENT OF ROLL COMMAND JAR ON FOI	1	2.58	0	100	c	C	ა	0	20	C	C
3R	60	MON INITIAL MOVEMENT OF GLIDE SLOPE COMMAND BAR ON FOI	1	2.58	c	100	C	C	0	0	20	υ	C
3R	61	MON INDICATION OF DEVIATION FROM LOCALIZE AND GLIDE SLUPE UN FOI	1	180.66	0	5ί	C	0	0	C	20	0	C

	TASP CODE		S	DUR Time	СН	ANNEL	ACTI	VITY	- PER	CENT	OF DU	R TIM	E
	NG.	TASK NAME/DESCRIPTION	Ť	(SEC)	ΕV	IV	LH	RH	LF	RF	COG	AUD	V8L
35	01	MONITOR A/C HEADING RELATIVE TO SELECTED	1 2	2.23 16.60	C	10C	C C	O G	0 0	0	20 12	0	0
		HDG ON CI	3	5.00	Ö	16	0	C	Ö	G	12	ő	Ü
			4	30.00	Ċ	10	Ċ	Ğ.	ō	Ö	12	ŏ	Ŏ,
<b>3</b> S	02	MON COMPASS FLAG	1	2.23	0	10ι	Ç	C	0	0	20	c	C
		IN VIEW ON CI	2	.78	0	100	С	C	0	O	20	O	U
35	( 3	MON COMPASS FLAG OUT	1	2.23	C	100	C	Û	ũ	Ü	20	0	<b>(</b> -
		OF VIEW ON CI		• 78	Ç	100	C	C	0	0	20	C ·	· c
35	C4	MON A/C POSITION	1	2.10	0	100	C	0	o	C	20	0	0
		RELATIVE TO SELECTED	2	5.00	0	100	(	C	0	0	20	o o	0
		COURSE ON CI	3	1(.00 24(.00	Ō	5 ( 5 (	C C	( G	ن	. 0	20 20	0	0
			7	24( 1( 0	U	90	·	U	U	U	20	U	U
35	05	MON COURSE PATR IND	1	2.10	O	106	0	G	0	Û	20	0	C
		ON CI	2	2.23	0	100	C	O	0	0	20	0	O
35	( t	MUN L-C WARNING FLAG	ì	2.23	C	100	(	C	Õ	-0	. 20	0	U
		IN VIEW ON CI	2	• 7 <sub>0</sub>	O	106	C	(i	Ú	Ù	2¢	O	ť
35	(7	NON L-C WARNING FLAG	1	2.23	c	100	(	Ü	Ü	ũ	20	0	c
		OUT OF VIEW ON CI	2	.78	O	10t-	Ĺ	Ü	0	0	20	o	C
32	16	MON COURSE DIGITAL	1	2.23	Ç.	9 C	C	ú	G	0	20	G	C
		INDIC ON CI	2	• <b>7</b> 8	O	96	O	C	0	0	20	O	Ü
35	r G	MON GLIDE SLOPE FLAG	ı	2.23	0	100	(	(·	o	Ü	20	G	c
		IN VIEW EN CI	2	. 78	0	100	c	C	G	Ü	20	o	Ĺ
<b>3</b> S	10	MON GLIPE SLOPE FLAG	ì	2.23	G	166	C	O	0	0	20	Û	ŀ
		GUT OF VIEW ON CI	5	. 78	0	100	C	Ç.	O	G	20	G	t.
3 S	3.1	SET COURSE DIGITS	1	4.92	C	110	Ĺ	100	e	٥	20	U	Ĺ
		AND POINTER ON CI	2	2.87	Ċ	10 10	1//6	100	ن د	0 0	26 20	C O	t <sup>i</sup>
		USING COURSE CURSOR CONT	5	2.67	·.	10	100	U	U	U	20	U	·
33	12	SET HEADING CURSOR	1	5.00	С	10	ć	100	ن	U	26	Ú	(,
		ON CI USING HDG CUR-	2	4.13	0	10	C	100	ა	Ú	20	e	C
		SOR CENT	3	2.55	0	1(	Ç	100	ن	Ċ.	20	Ĺ	Ü.
			4	2.14	Ú	10	Ç	100	Ü	0	20	Э	О
38	13	MON DEVIATION FROM	i	• 78	0	160	C	Ċ	J	G	20	Ú	C
		GLIDE SCOPE ON CI	3	2.23	0	100	С	C	0	C:	26	Ŀ	C
3.5	14	MGN CEMPASS HDG IND	1	. 78	Ć.	100	c	C	o	0	26	Ü	C
		EN CI	Ż	2.23	Ú	106	Ĺ	U	Ĝ	Ü	20	Ç.	€.

	TASK		` S	DUR	СН	ANNEL	ACTI	VITY -	- PERC	ENT	DF DL	IR TIM	E
	CODE		Ī	TIME	-								٠٠.
	ND.	TASK NAME/DESCRIPTION	Ť	(SEC)	ΕV	IV	LH	RH	LF	RÉ	C DG	» AUD	VBL
35	1:	MONITOR A/C HEADING	1	66.00	0	16	C	0	0	0	12	0	Ü
		RELATIVE TO SELECTED	2	300.00	. 0	10	0	0	0	0	12.	. 0	0
		HEADING DY CI	3	120.00	C	16	C	ŏ.	o	0	12	0	Ü
				90.00	0	10	Ċ	O	0	C	12	Ö	U
3\$	16	MON INDIC THAT A/C ABEAM OF MARKER AND	1	2.23	0	10	ć	G	o	0	12	0	o
		GN HEADING											
35	17	MON A/C HEADING	1	300.00	0	100	Ć.	C	0	0	12	O	0
		RELATIVE TO SELECTED	2	90.00	C	16	C:	0	0	Ü	12	Ü	C.
		COURSE ON CI	3	100.00	¢	50	U	0	. 0	0	10	0	C
<b>3</b> \$	18	SET COMFASS SEL SW TO NO.1	1	2.15	0	100	100	r.	o	0	20	0	Ü
35	10	SET COMPASS SEL SW TO NO.2	. 1	۷.15	Ü	100	100	G	o	O	20	0	o
35	20	MON INDIC OF MARKER FLY OVER ON CI	1	2.23	0	100	c	C	0	U	20	O	c

	TASK			S	DUR Time	СН	ANNEL	ACTI	VITY -	- PER	CENT	OF DUI	R TIM	<b>E</b> .
	NO.	TASK NAME/DES	CRIPTION	τ	(SEC)	. EV	ΙV	LH	RH	LF	RF	CDG	AUD	VBL
<b>3</b> U	61	MON TOTAL AI	R TEMP	1	2.25	_		C			0			0
	•	INDIC		2	2.29	0	100	C	0.	0	0	20	0	. ()
			•	3	1.17	0	100	C	o		, O	20	0	0
				4	2.18	0	106	C	Ú	0	7 · O ·	. 50	C	U

	TASK		S I	DUR TIME	СН	ANNEL	ACTI	VITY -	PERO	CENT	OF DU	R TIM	E
	NO.	TASK NAME/DESCRIPTION	Ť	(SEC)	ΕV	IV	LH	RH	LF	RF.	COG	AUD	VBL
3 V	01	MON GO ARDUND ANNUN LT ON	1 2	1.21	0	100 10(	C C	o o	0 ပ	°0	20 20	0	0
3 V	02	MON GO AFOUND ANNUN LT OFF	2	1.21	0	100 100	C 0	0 0	C O	. O	20 20	0	0
31	0.3	MON ALT HOLD ANNUN LT ON	1 2	1.21 .92	C O	106 100	C	o c	0	C	20 20	0	0 ()
3٧	04	MON ALT HOLD ANNUN LT OFF	1 2	1.21	<b>0</b> .	100 106	Ç	ç	0	C	2C 20	c c	0
3 V	C i	MON VOR LOC ANNUN LT OFF	1 2	1.21	o o	100 100	( 0	U U	o o	o o	20 20	. 0 6	(; 0
3 v	0€	MON VOR LOC ANNUN LT GREEN	1 2	1.21	C	100 100	<b>(</b>	c c	0	ο 	20 20	o o	0
3 V	rε	MON GLIDE SLOPE ANNUN LT AMBER	. 2	1.21 .92	0	100 100	0 6	O U	0	0 Ü	20 20	0	ů Ç
3 V	6.9	MUN GLIDE SLOPE Annun LT Green	2	1.21 .92	o U	100 100	C	C C	ů Ç	0	20 20	0	0 0
3 V	11	MUN GLIDE SLOPE Annun LT OFF	2	1.21	Ü	10¢ 100	( ()	Ċ	0,0	0 0	20 20	U	Ċ.
3 V	31	MONITOR OJTER MARKER LT ON AND AUDIBLE SIGNAL	1	1.91	0	100	ι	Ç	0		20	100	Ĺ
3 V	12	MEN CUTEF MARKER LT OFF AND AUDIBLE SIG SILENT	1	1.91	C	. <b>C</b>	C	i	0	¢.	<b>2</b> C	100	(;
3 V	13	MONITOR MIDDLE Marker annun LT on And Audible Signal	1	1.91	c	100	C	C	, 0	0	20	100	C
3 V	14	MON MIDDLE MARKER Annun LT. DFF AND AUDIBLE SIG SILENT	i	1.91	C	100	С	C	0	0	20	100	G
3 <i>v</i>	15	MCN AIRWAYS MKR ANNUN LT FLASHING AND INTRPT AUDIBLE SIGNAL	1 2	1.91 .72	C C	100 100	t. C	O C	) U	0	20 20	100 100	Ç.
3 V	1+	MUN AIFWAYS MKR ANNUN LT ON STEADY AND STEADY AUDIBLE SIGNAL	1 2	1.91 .72	G O	10C . 10C	¢ ¢	Ü	Ü O	e C	20 20	10¢ 100	() (

	TASK CODE	•	S	DUR Time	СН	ANNEL	ACTI	VITY .	- PER	CENT	OF DU	R TIM	E
		TASK NAME/DESCRIPTION	Ť	(SEC)	٤V	IV	LH	RH	LF	RF	COG	AUD	VBL
· 3V	17	MON AIRWAYS MKR ANNUN LT OFF AND AUDIBLE SIG SILENT	2	1.91 .72	0	100 100	C	ů	0	0	20 20	100 160	0
3V	3.6	SET MARKER SW TO LO	1	2.07	o	106	C	100	0	0	20	C	0 -
3 V	19	SET MKR SW TO HI	1	2.67	0	100	Ç	100	0	0	26	0	o
30	20	MON WINGS LEVEL LT ON GREEN	1	1.21	0	100 106	C	0	0	0	20 20	C O	G U
3 V	21	MON WINGS LEVEL LT	1	1.21	0	100 100	· (	C C	0	0	20 20	0	<b>C</b>
3V	22	MON BACK BEAM LT ON GREEN	1 2	1.21 .92	0	10t 106	C	0	0	0	20 20	<b>0</b>	(. C
3 v	22	MON BACK BEAM LT OFF	i 2	1.21	C 0	10¢ 10¢	ć	C U	0 0	0	20 20	0	G G
3٧	24	MON HOG ON GREEN	2	1.21	0	100 100	0	O Ċ	C O	0	20 20	0	0
٩V	25	MON HOG LT UFF	1	1.21	0	100 100	C	C	0	C O	20 20	0	o G
3V	26	SET NO.2 COMM RECVIR MKR SW TE ON	2	2.43 1.43	G O	100 100	100 100	o G	0	C C	20 20	0	0 0
3٧	27	SET NO.2 COMM RECVIR MKR SW TO OFF	1 2	2.43 1.43	0 Ú	100 100	100 100	C	0 <b>U</b>	. 0	20 20	0	e o

	TASK CODE		Ş	DUR Time	СН	ANNEL	ACTIV	ITY -	PER	CENT	OF DU	R TIM	E
	.COU.	TASK NAME/DESCRIPTION	Ť	(SEC)	E V	IV	LH	RH	LF	RF	COG	AUD	VBL
3W	¢1	MON INST COMP POWER LT ON	1	2.32	0	100	C	, ε	0	Ú	. 20	0	0 -
3W	12	MON INST COMP POWER LT OFF	1	2.32	0	100	c	0 .	0	0	•20	o	0
3 W	03	MON INST COMP VERT Gyro LT on	1	2.32	0	100	C.	e	· ģ	0	20	Ü	c
3W	04	MON INST COMP VERT GYRO LT OFF	1	2.32	C	100	Ċ	Ċ	o	Ü	20	o	0
3₩	( =	MON INST COMP G/S LT on	l	2.32	0	106	С	o	0	0	Ü	ű	c
3 W	(6	MLN INST COMP G/S LT OFF	1	2.32	0	10C	c	0	0	0	20	0	c
3₩	(7	MON INST COMP LOC	1	2.32	С	100	c	С	0	Ö.	20	Ċ	U
3₩	1.8	MON INST COMP LOC .	1	2.32	0	100	C	C	U	C	20	0	Û
. 3 <i>4</i>	(0	MON NAV KARNING LT ON	1 2 3	.93 .68 .1.56	0 0 0	10C 10C 10C	ن د د	υ υ υ	0 0 0	0 0 0	20 26 20	0 0	C C U
34	1(	MON NAV FARNING LT OFF	1 2 3	.93 .63	0 0	100 100 100	<b>c</b> 0 0	(. () ()	0 0 0	0 0 0	20 20 20	0 0	c G

	TASK		S	DUR Time	СН	ANNEL	ACTI	VITY	- PER	CENT	OF DU	R TIM	E
	NO.	TASK NAME/DESCRIPTION	Ī	(SEC)	EV	IV	LH	RH	LF	RF	COG	AUD	VBL
3X	61	FOLD STANDBY COMPASS INTO VIEW	1	3.50	0	100	0	100	. 0	0	20	0	0
3 X	02	MON STANDBY COMPASS HDG INDIC	1	2.00	0	.100	C	0	0	.0	o	0	υ
3 X	03	FOLD STANDBY COMPASS	1	1.50	0	100	Ċ	100	.0	0	20	0	0

	TASK		S	DUR	СН	ANNEL	ACTI	VITY .	- PERC	ENT	OF DU	R TIŅ	E
	NG.	TASK NAME/DESCRIPTION	I T	TIME (SEC)	E V	IV	LH	RH	LF	RF	COG	AUD	VBL
<b>4</b> A	01	SET FLT COUNT SYS A SW TO ON	1	3.33	C	100	(	100	o	c	-20	O	c
44	r: 2	SET FLT CONT SYS A SW TO OFF	7	3.33	G	100	Ç.	100	o	. <b>O</b>	26	0	<b>c</b> .
4 4	C 3	SET FLT CONT SYS A SW TO STOBY RUD	1	3.33	o	100	C	100	0	G	20	O	C
44	( 4	SET FLT CONT SYS B SW TJ GN	1	3.33	0	100	O	100	0	0	20	0	О
4.4	05	SET FLT CONT SYS B SW TO OFF	1	3.33	C	100	c	166	0 .	. <b>v</b>	<b>20</b> .	0	G
44	r <del>(</del>	SET FLT CONT SYS B SW TO STOBY RUD	1	3.33	С	100	ı	100	· U	G	20	Û	Ċ
44	17	MON FLT CONT SYS A	i	•66	e	100	О	G	Ö	O	20	0	C
		HYD LO PRESS LT UN	2	1.21 .77	O O	100 100	Ĺ	C	υ. Ο	C C	. 20 20	O O	0
			3	• * * *		100	·	U	Ū	Ū	20	٠	٠.
4 A	7.8	MON FLT CONT SYS A	1	.66	C	100	C	C	ō	Ų	20	Ü	O
		HYD LL FRESS LT UFF	2	1.21 .77	C C	100 100	Č	C C	0 0	0	20 20	. (	t O
			Þ	• ( (	U	100	(	C	U	U	20	U	·,
4 A	ίċ	SET SPUILER SYS A SW TO DM	1	2.53	0	160	ť	100	O	С	20	C	<b>(</b> , -
4 A	10	SET SPOILER SYS A SW TO CFF	1	2.53	Ç	100	v	100	<b>.</b>	<b>ن</b> .	20	ò	ţ.
4 1	11	SET SPUILER SYS B SW TO UN:	ı	2.13	C	100	C	100	0	c	20	c	n
4Δ	12	SET SPEILER SYS B SW TO GER	i	2.23	Ü	100	í	100	Ü	Ũ	26	U	t
4Λ	12	SET YAW CAMPER SW TG ON	1 .	2.6E	C.	100	C	100	(·	U	20	U	G
4 4	14	SET YAW CAMPER SW TO OFF	1	2.68	Ĺ	100	C	100	o	O	20	O	Ŀ
4.3	15	MUN FLT CUNT STORY HDY LO GTY LT ON	2	1.26	C C	100 100	C	0	ر د	0	20 20	Ü	C
4 4	1 *	MON FLT CONT STORY HYD LO CTY LT OFF	2	.53	c o	100 100	(	( L	0	0	26 26	υ 0	i C
4 4	17	MGN FET CONT STORY .dyg LC FFESS ET ON	1 2	.53 1.26	С 0	10( 10(	C C	l.	ა შ	Ċ O	20 20	0	e 0

	TASK		S		CH	IANNEL	ACTI	VITY	- PER	RCENT	OF DU	R TIM	Ε
	NO.	TASK NAME/DESCRIPTION	Ť		EV	IV	LH	RH	LF	RF	COG	AUD	VBL
4A ·	18	MON FLT CONT STDBY HYD LO PRESS LT OFF	1		0	100 100	C	0	0	0	20 20	0	0
44	19	MON FEEL DIFF PRESS LT ON	1	1.05	0	106	C	U	0	0	20	c	Ü
4 A	SC	MON FEEL DIFF PRESS LT OFF	1	1.05	0	100	¢	C	0	c	20	0	C
44	21	ACTUATE CWS FOR RULL CONT	1	2.00	0	10	100	100	0	0	20	0	0
44	22	ACTUATE CWS FOR PITCH CONT	1	2.60	0	10	100	100	0	C	20	C	Ü
44	2,3	ACTUATE PUDDER PEDAL FOR HEADING/YAW CONT	1 2	3.00 20.00	0	10 6	C C	Ç	100	100 100	20 20	0	0 0
4 Δ	24	ACTUATE CWS TO POTATE FOR LIFTUFF	. 1 2	15.00 5.00	80 G	2( (	10C 10C	100 100	100 100	100 100	80 80	0 Û	0
<b>4</b> 4	25	MON MASTER CAUTION	1	• 56	0	100	0	. 0	o	0	20	0	0
4Δ	2 <i>t</i>	ACTUATE MASTER CAUT RESET SW	1	2.14 2.14	0	100 100	100	106	ن د	Ċ	20 20	0 C	() ()
44	27	ACTUATE ANNUN PNL RECALL SW	1 2	1.93 2.28	C	10¢ 10¢	100 C	0 160	<b>o</b>	C	20 20	0	0
44	28	ACTUATE FLT CONTROLS TO CHANGE HEADING	1 2 3 4	5.00 10.00 15.00 20.00	0 6 0	C ( ()	100 50 100 100	100 50 100 100	100 100 100 100	100 100 100 100	20 20 20 20	0 0 .0	0 0 0
4 A	29	ACTUATE FLT CUNTROLS TO CHANGE ALTITUDE	1 2 3 4	5.60 10.00 15.60 26.60	0 0 0 0	( ( () ()	100 50 100 100	100 50 100 100	0 0 0	0 0 0	20 20 20 20	0 0	0 0
44	3r	ACTUATE FLT CONTRULS TO ALIGN A/C WITH ATTITUDE INDICATED ON FD AND CI	1 2 3 4	5.00 10.00 15.00 240.00	0 0 0	( ( (	100 50 100 50	100 50 100 56	100 100 100	100 100 100 100	20 20 20 20	0 0 0	0 0 0
44	31	MANUALLY CONTROL A/C	1 2 3 4	5.60 10.60 15.60 20.60	100 100 100 100	( ( ( (	100 100 100 100	100 100 100 100	100 100 100 100	100 100 100 106	20 20 20 20	0 0 0	() () ()
.4 ₽	32	MON FLT CONT ANNUN LT ON	1	.`56	. с	10C	G	C	′ 0 .		2ũ	o	c
44	33	MGN FLT COUNT ANNUN LT OFF	ì	• 56	e	106	c	ć	0	0	20	o	C.

	TASK CODF		S	DUR . Time	СН	ANNEL	ACTI	YTIV	- PER	CENT	OF DU	R TIM	E
	NG.	TASK NAME/DESCRIPTION	Ţ	(SEC)	E۷	ΙV	LH	RH	LF	RF	COG	AUD	VBL
44	34	MON MASTER CAUTION AND CVHD ANNUN LTS DN	ī	• 56	0	106	C	L	0,	0	20	c	O
44	. 35	MON OVHO ANNUN LT CN	1	• 56	o	100	0	. 0	c <sup>:</sup>	0,	20	G	O
41	36	MON OVHO ANNUN LT OFF	1	• 56	o	100	C	0	0	Ó	20	0	0
41	3.6	MON STALL WARNING STICK SHAKER	1	1.00	0	100	C	Ü	Ü	. 0	20	100	O
44	39	SET STALL WARNING	i	3 • 23	С	160	C	106	C	c	. 20	0	C
		SW TO HTR OFF	2	2.16	C	100	(	100	o	0	20	0	0
4.1	40	SET STALL WARNING SW TÙ NORMAL	<u>i</u> 2	3.23 2.16	Q U	100 100	Ç	160 160	υ Q	0	2C 20	0 0	0 0
4 A	41	SET STALL WARNING	1	3.23	o	100	ί	106	ΰ	Û	26	J	C
		SW TO TEST	2	2.16	O	100	C	100	0	Ü	20	0	O
44	42	MON STALL WAPNING OFF LT EN	2	• 55 • 32	C O	100 100	C	O C	0 0	0	20 20	O L	t C
44	43	MON STALL WARNING UFF LT OFF	1 2	•55 •32	C C	106 106	c c	Ç	C O	0	20 20	O G	Ú
4 A	44	SET YAW DAMPER TEST SW TO L	1	2.48	C	100	ί	100	G.	. 0	20	Ü	i
44	45	SET YAW DAMPER TEST SW TO R	•	2.48	0	100	(·	100	.)	Ú	2ù	C	G
44	4 t	ADJUST PLODER PEDALS FORE AND AFT FUR CUMFORT	1	3.00	0	100	100	106	100	100	20	c	(i
41	4 5	CHECK FLISHT CUNT NU CT TER WZ A RYZ	3	2.79	c	100	l	Ų	0	í	2ú	ن	ŧ
44	44	CHECK FLIGHT CONT SYS B SW SET TO ON	i	ž•12	G	100	C	С	0	0	2ů	C.	(·
4Δ	ķι	CHECK ALT FLAPS SW SLT TC CFF	1	2.(4	C	100	ι	Ú	ن	i	20	Ú	t
44	51	CHECK SPUILER SYS A Sw SET 1( DN	1	2.64	c	100	ţ	(	Ü	C	2ι	O	ι
<b>4</b> Δ	: 2	CHECK SPCILER SYS B SW SET TO GN	1	2.(2	0	100	Ĺ	0	0	c	20	o	(·
4 A	5.2	CHECK YAW DAMPER SW SET TO UFF	1	2.(2	0	100	C.	· c	0	o	26	С	0

	TASK CODE		S	DUR TIME	СН	ANNEL	ACTI	VITY	- PE	CENT	OF DU	R TIM	Ę.
	NC.	TASK NAME/DESCRIPTION	Ť		E V <sup>t</sup>	IV	LH	RH	LF	'RF	COG	AUD	VBL
44	54	MON YAW DAMPER LT CFF	1	1.21	0	100	C	C	0	C	, 20	Ò.	C
44	55	ACTUATE FLIGHT CONT TO TURN TO HDG G70	. 1	1.21	0	100	C	O	Ü	0	20	0	C
4 A	56	SET STABILIZER BRAKE	1	1.97 3.16	C C	100 100	100 C	100	0	0	20 20	o c	c c
44	57	RELEASE STAB BRAKE	1	1.97 3.16	0 0	10¢ 10¢	100 0	C 100	0	0	20 20	0	Ü
4 Δ	58	MON YAW DAMPER INDIC	1	2.61	C	106	C	C	: <b>0</b> .	٠ ر	., 20	o	ι
44	56	MON A/P DISENGAGE LT	1	• t·8	<b>C</b>	100	C	O	ò	0	20	0	G
44	60	MON ELEV POSITION INDIC	1	2.24	С	100	C	Ü	0	0	20	0	C
4 A	t:1	MON STALL WARNING TEST INCIC	1	2.(1	Ċ	100	0	0	0.	· 0 <sub>.</sub>	20	0	C
44	62	MON FLT CONT SYS B HYO LO PRESS LT ON	1 2	•66 1•21	0 (i	106 100	e e	0 0	0	0	20 20	0	( t
44	r3	MON FLT CONT SYS B HYD LO PRESS LT OFF	1 2	•66 1•21	G O	106 106	C	. 6	0. 0	0	20 20	c o	i O
44.	£ 4	MANUALLY CONTROL AIRCRAFT	1 2 3 4	32.00 10.00 5.00 30.00	90 0 0 0	( ( ( (	100 50 50 50	80 50 50 50	100 100 100 100	100 100 100 100	20 20 20 20	0 0 0	0 0 0
4.4	f !	MANUALLY CONTROL AIRCRAFT		60.00 300.00 120.00 90.00	ن د د	( ( (	50 50 50 50	50 50 50	100 100 100 100	100 100 100 100	20 20 20 20 20	0 0 6 0	0 0 0
41	£ f.	MANUALLY CONTROL AIRCRAFT TU MAKE FIGHT TURN	ì	90.00	O	¢	ι	<b>c</b>	ı	С		Ö	L
41	e 7	ROLL OUT TO LEVEL Configuration	1	•66	υ	С	· C	O	0	0 ~	c	C	e
4Δ	€ 8	MANUALLY CONTROL AIRCRAFT	1 2 3	26.00 90.00 2.00	( (	C C U	50 50 100	50 50 100	100 50 100	100 50 100	20 20 20	ն ( 0	0 0 0
4A .	<b>€</b> 9	ACTUATE FLIGHT CON- TPULS TO ALIGN A/C WITH ATTITUDE REGSD BY FDI AND CI	1	100.00	U	C	50	50	100	160	20		C

	TASK CDDF		S	DUR Time	СН	IANNEL	ACTI	VITY	- PER	CENT	OF DU	R TIM	£
	NC.	TASK NAME/DESCRIPTION	Ť		ΕV	IV	LH	RH	LF	RF	COG	AUD	VBL
44	7(	ADJUST PANEL MOUNTED CONTROLLER HEIGHT	1	3.(0	0	106	100	100	0	0	2ù	o	c
4Δ	71	ACT FLIGHT CONTROLS	i	2.00	0	C	100	100	100	100	50	ù	Ü

	TASK		S	DUR ' TIME	<sup>2</sup> CH	IANNEL	ACŢ	LVITY	- PER	CENT	OF DU	R TIM	E
	NO.	TASK NAME/DESCRIPTION	Ť	(SEC)	ΕV	∑I V	LH	RH	LF	RF	COG	AUD	VBL
48	τ1	ACTUATE ENG NO.1	L	2.34	0	. 6	C	100	0	ڻ-	20	o	(·
		THROTTLE	2	2.82	0	C	G	100	O	0	20	0	0 0
	ć		3	2.44	0	C.	C	100	0	0	20	0	0
	·		4	2.51	0	. C	0	100	0	0	20	Ü	O
48	0.2	ACTUATE ENG NO.2	1	2.34	0	0	С	100	o	0	20	Ú	C/
		THROTTLE	2	2.42	0	C	C	100	U	e	20	0	G
			3	2.44	0	C	0	100	0	0	20	0	0
			4	2.51	0	C	C	100	0	0	20	C	o
48	(3	ACTUATE BOTH	1	2.34	c	C	C	100	0	C	20	ΰ	o
		THROTTLES	2	2.62	0	C	L	50	0	0	20	0	0
			3	2.44	C	t.	. (	160	v	0	26	0	0
			4	2.51	0	ι	(·	100	v	C	20	O	O
49	C 4	CHECK THAT THRUST LEVERS IN CLUSED PUS	1	2.54	C	100	C	C	o	0	20	0	Ú
<b>4</b> B	ib	ADVANCE THRUST LVRS TO NEAR VERTICAL POS	ì	3.15	O	c	C	100	0	0	20	0	c
<b>4</b> A	16	ADVANCE THRUST LVRS TO TAKEOFF THRUST	1	2.44	C	c	c	100	ũ	0	20	û	Ċ
43	3.7	MAKE MINOR THRUST	1	2.73	0	Ģ	100	C	0	o	26	O	Ċ
		ADJUSTMENT	2	2.73	0	Ċ	C	100	o	0	- 20	G	0
43	6.5	SET THRUST LEVERS TO	1	2.50	c	Ĺ	c	100	G	č	20	G	e
		IDLE	2.	2.50	0	G	100	C	Ü	ن	20	Ü	О

	TASK		S I	DUR TIME	Сн	ANNEL	ACTI	VITY -	PERC	CENT	OF DU	R TIM	E
	NO.	TASK NAME/DESCRIPTION	Ť	(SEC)	٤٧	IV	LH	RH	LF	RF	COG	AUD	VBL
4C	61	SET THRUST PEVERSER LEVERS TC ON	1 2 3	2.74 1.00 1.66	C O	0 G C	0 0 106	160 100 0	0 0	0 0	10 10 10	0 0	0 () ()
4C	5. <b>2</b>	SET THRUST REVERSER LEVERS TO OFF	1 2	2.76 2.76	0 6	c C	C 100	100 6.	Ö	0	10 10	0	0
40	0.3	MON ENG NO 1 REVER- SER UNLOCKED LT ON	1 2	.76 .54	0	100 100	o O	0	U O	c o	20 20	C G	C C
4C	( 4	MON ENG NO 1 REVER- SER UNLOCKED LT OFF	1 2	•55 •76	С О	100 100	0 (	C C	0	C O	20 20	0	(·
40	(- ţ	MON ENG NO 2 REVER- SER UNLECKED LT ON	1 2	• 75 • 54	0	100 100	0	C C	0 3	0 Ü	20 26	0	0 0
4C	Úť	MON ENG NO 2 REVER- SER UNLOCKED LT OFF	2	.55 .76	0	100 100	. 0	ti e	<b>0</b>	Ü C	20 20	C O	0 0
4C	c7	MON REVERSER ISOLA- TION VALVE LT ON	ì	.76	C	106	ι	C	<b>c</b>	C	20	ø	ę
4C	6.8	MUN KEVERSER ISOLA- Tion valve LT OFF	1	.75	e	100	c	0	0	o	20	0	o
4C	69	MON MASTIR CAUTION AND UVRHE ANNUM LTS EN	1	.73	v	166	C	L	o	¢	26	ť	(,
<b>4</b> 0	10	PRESS MASTER CAUTION FESET SW	1	2.13	Ç	100 100	C t	100 100	0 U	c o	20 20	C C	o C
40	11	MGN DVRHD CAUTION LT	1	. 54	¢	10i	(.	¢	v	ů,	20	Ċ	0
<b>4</b> C	12	FON CVPHC CAUTION LT	i	.54	C	100	(	L	Ų	C.	20	Ċ	(1
4C	12	PRESS ANNUN PNL PECALL SE	1	2.13	C C	10¢ 10¢	Ĺ	100 160	0 0	0	20 20	o o	G G
<b>4</b> 0	) 4	SET ENC NO.1 THRUST REVERSER OVERRIDE SWITCHIGEMAL	ì	3.29	0	100	ŗ	100	0	C	20	С	O
4C	3.5	SET ENG NJ.1 THRUST REVERSE EVERRIDE SN TO OVERRIDE	1	.2.29	0	1.00	(,	166	Ü	Ç	20	G	O
<b>4</b> C	16	SET EMC NO-2 THRUST REVERSER DVERRIDE SWITC NERMED SWITC NERMED	1	1.91	¢	166	(	100	ĕ	i	26	o	<b>(</b> ,

	TASK		Ş	DUR: TIME	СН	ANNEL	ACTI	VITY -	- PERC	ENT	OF DU	R TIM	E :
		TASK NAME/DESCRIPTION	Ť	(SEC)	EV.	IV	LH	ŞRH ;	LES	RF	COG	AUD .	V BL
4C .	17.	SET ENG NO.2 THRUST REVERSER JVERRIDE SW TO OVERRIDE	<b>1</b>	1.91	0	100	C	100-	0	<u>,</u> 0 -	20	Ò	C
4C	18	MON THRUST REVERSER ARMED LT ON	1	•53	0	100	С	. 0	0	. 0	20	0	G,
4C	19	MON THRÚST REVERSER ARMED LT OFF	1	• 53	C	100	c	C	<b>o</b> .	0	20	¢.	0 -
,4C	50.	MUN THKUST REVERSER LO PRESS LT ON	1	1.30	0	100	. <b>c</b>	· C ·	o	<b>.</b> .	20	0	e
4C	2,1	MON THRUST REVERSER LO PRESS LT OFF	1	1.30	0	100	C	• 0	<b>0</b>			0	G·
4C·		MON THRUST REVERSER OVERRICE SW=S IN NORMAL	1	2.18	G	106	C	100	o	Ú	20	e	<b>0</b> ] ·
<b>4</b> C	23	CHECK THAT REV THRST LEVERS SET TO OFF	1	1.20	0	100	C	0	0 -	-0	20	o ·	C .

	TASK		S I	DUR TIME	СН	ANNEL	ACTI	vITY -	PER	CENT	OF DU	R TIM	£
	NE.	TASK NAME/DESCRIPTION	Ť	(SEC)	ΕV	ΙV	LH	RH	LF	RF	CDG	AUD	ABF
40	61	SET LANDING GEAR LVR	1	3.06	0	100	100	C	0	Û	20	0	O
		TO UP POSITION	2	3.27	C	100	100	Ü	Û.	0	20	0	0
		•	3	2.53	0	106	100	Ü	0 -	. 0	20	0	C
<b>4</b> D	ú2	SET LANDING GEAR LVR	1	3.06	0	100	100	Ú	O	0	20	0	G
		TO OFF POSITION	2	3.27	C	100	100	O	. 0	0.		0	O
		•	3	2.53	С	100	100	C	0	. G	26	ن	Ç
40	5.0	SET LANDING GEAR	1	4.60	0	100	100	Ü	Ü	Q	20	Ö	c
		LEVER TO DOWN	2	2.53	0	100	166	Ü	0	Ó	20	Ç	(; (
		POSITION	3	3.27	0	100	106	0	0	0	20	O C	Ċ
			4	3.(6	ı	100	100	Ĺ	J	C	20	L	C
4D	(: 4	MONITOR LANDING GEAR LEVER POSITION	1	2.69	O	100	C	G ·	. ŭ	Ù-	20	С	ť
40	65	MEMITOR NOSE GEAR	1	2.00	0	100	Ü	G	0	Ċ	20	C	O
		DOWN AND LOCKED LT	2	. 54	0	100	C	C	Ü	0	20	0	C
		DΝ	3	• 72	C:	100	(	Ú	. 0	· <b>C</b>	21.	0	0
40	0.6	MONITOR NOSE GEAR	1	. 54	C	100	L	G	υ	Ģ	20	C	O
		DOWN AND LOCKED LT GEF	2	• 72	C	10(	c	(°	U	6.	20	ť	٥
40	17	MONITOR NOSE GEAR	i	. 54	C	100	C	c	Ū	O	20	0	C
		UNLOCKED LT ON	2	• 72	Ü	100	ſ	C	ij	0	20	ũ	C,
40	ć٤	MON NOSE GEAR	1	. 54	O	100	C	С	U	Ģ	20	C	C
		UNLOCKED LT OFF	?	• 72	0	100	L	Ĺ	ί	ţ	20	C	(
4D	6.9	MONITOR LEFT/RT GEAR	i	2.00	Ç	100	e	(·	ij	Ç	20	Ĺ	Ç
		UGAN AND LOCKED LT	2	• 72	0	100	C	C	Ü	Ü		O	6
		0 <b>N</b>	3	.54	Ċ	100	Ŀ	·	•)	C	26	0	0
40	16	MON LEFT/RT GEAR	1	. 54	Ç	100	Ĺ	U	C	ν'	20	U	G
		DEWN AND FOCKED IT	2	• <b>7</b> 2	C	100	L	ι	9	ί	20	v	O
41)	11	MON LEFT/RT GEAR	i	.54	Ü	100	C	Ú	0	o	20	Ü	0
		UNLOCKED LT ON	5	.72	O	100	(	o	Ü	O	20	Ċ	(
40	12	MON LEFT/RT GEAR	1	. 54	ō	166	(	ι	ŋ	c	20	C	o
		UNLUCKED LT OFF	2	.72	L	100		Ü	Ü	L	26	Q	ť
40	1;	ACTUATE LANDING GEAR LEVER GVERRIDE TRIGGLP	İ	.54	C	100	C	Ü	Ú	G	21.	C	O
40	) <b>(</b>	OPEN LANDING GEAR FROM TXI CUNI ACCESS DUJR	i	.54	L	106.	<b>C</b> .	U	v	Û	2ύ	û	(.

	TASK CODE		S	DUR Time	CH	IANNEL	ACTI	VITY	- PEF	RCENT	OF DU	R TIM	Ł
	NG.	TASK NAME/DESCRIPTION	T	(SEC)	EV	IV	-LH	. RH	LF	RF	COG	AUD	VBL
40	15	CLOSE LANDING GEAR MANUAL EXT CONT ACCESS DCGR		. 54	0	100	С	O		. 0	20	G	C
40	16	ACTUATE RT MAIN GEAR MANUAL EXT HANDLE	1	•54	0	100	(	U	U	<b>,0</b>	<b>2</b> 6	C	Ų
40	17	ACTUATE LEFT MAIN GEAR MANUAL EXT HANDLF	1	• 54	0	100	C	0	<b>0</b>		20	0	Ĺ
40	18	ACTUATE MOSE GEAR Manual fat Handle	i	54	C	10ι	(	C	0	O	20	C	(
40	15	JPEN NOSE GEAR VIEWING PORT	1	• 54	C	100	Ç	0	U	C	20	5	r
40	21	CLUSE NOSE GEAR VILWING PORT	. 1	. 54	Ù	100	Ĺ	e	J	C	20	0	ſ
40	21	INSPECT NISE GEAR LOCKED INDIC MARK	l	• 54	Ü	106	C	U		o	20	0	G
49	72	OPEN MAIN GEAR Viewing part	i	.54	C.	100	(	C	.0	c	20:	C	(
4)	23	CLUSE MAIN GEAR VIFWING FURT	I	. 54	Ů	100	Ċ	Ċ	'n	o	20	Ċ	(
4 i)	74	INSPECT NAIN GEAR LOCKED INDIC MARKS	ì	• 54	C	100	· C	. 0	0	G	20	0	О.
4')	27	PULL PARKING BRAKE	.1	3.14	í	80	c	100	o	G	2Ċ	i	C
		LIVER	2	3.16	U	8(	(	100	زن	ί	20	U	Ĺ
			3	4.00	O	100	100	ί	·)	C	20	0	. 6
4/1	פ ק	ACTUATE PRAKES		1.50	Ü	С	C	ن	100	100	20	C	ι
₹.		USING PUDDER PUDALS	ł	16.60	Ü	Ĭ.	ũ	ĭ	100	100	20	Ö	ò
			3	36.00	Č	Č	C	č	100	100	20	Ú	t.
40	20	MUN PARKING BRAKE	2	92.00	· <b>c</b>	100	ί	o	Ú	C.	26	ί	Ü
7.0		WARNING LT EN	3	• 25	Ċ	100	č	Ù	Ö	Ü	20	(·	1:
			4	. 54	Ö	100	Č	Č	ŏ	ō	20	· ù	U
49	3€	MON PARKING BRAKÉ	ž	92.00	2	100	C.	С	ن .	ί	21.	С	ſ
7.	10	WARNING LT CFF	3	.25		100	Ĉ	e	Ü	Č.	2 U	Č	è
		· ·	4	.54	č	100	è	Ü	ΰ	Ĉ	20	ō	ŧ.
4.)	31	MON LANDING GEAR NGT DOWN AND LOCKED WARNING HORN	2	92.00	O	100	·	Ĺ	O	С	20	ι	ć
43	3.2	ACTUATE LANDING GEAP - WARNING CUTOUT 5 W	1	2.1c	C	100	100	ι	U	Ü	20	<b>C</b> .	,

	TASK		S	DUR Time	СН	ANNEL	ACT I	VITY -	- PER	CENT	OF DU	R TIM	E
	NO.	TASK NAME/DESCRIPTION	Ť	(SEC)	ΕŲ	IV	LH	RH	LF	RF	COG	AUD.	VBL
<b>4</b> D	33	SET INBD ANTI-SKID SW TO CIN	1	2.18	0	100 100	100 100	0	0	0	20 20	0	0
<b>4</b> D	34	SET INBO ANTI-SKID SW TO OFF	1	2.18 1.68	0	106 106	100 100	0	0	0	20 20	0	0. U
<b>4</b> D	35	SET OUTBD ANTI-SKID SW TO ON	1 2	2.18 1.68	0	100 100	100 100	0	0	0	20 20	0	0
<b>4</b> D	36	SET OUTBD ANTI-SKID SW TO OFF	1	2.18 1.68	0	10C 10C	100 100	0	0	0	20 20	0	C O
40	37	MON ANTI-SKID INOP LT ON	1	. 54	Ö	100	0	0	0	. 0	20	0	0
40	38	MON ANTI-SKID INOP LT OFF	1	• 54	0	100	. 0	0	0	0	20	0	C
<b>4</b> D	39	MON AUTO BRAKE INOP	1	•54	0	100	c	<b>o</b> .	G	0	20	0	C
<b>4</b> D	40	MON AUTO BRAKE INOP LT OFF	1	•26	0	106	C	C	0	Ü	20	0	0
<b>4</b> D	41	SET AUTO BRAKE SEL SW TO OFF	1 2	2 • 62 2 • 62	0	100 100	100	0 100	0	0	20 20	0	0
<b>4</b> D	42	SET AUTO BRAKE SEL SW TO MIN	1	2.62	0	100	100	Ú	0	0	20	0	c
4D	43	SET AUTO BRAKE SEL SW TO MED	1	2.62	0	100	106	0	0	0	20	C	C.
40	44	SET AUTÖ BRAKE SEL SW TO MAX	1	2.62	0	100	100	G	0	0	20	0	0
<b>4</b> D	46	ACTUATE LANDING GEAR WARNING HORN CUTOUT SW	1	2.16	0	106	100	Ú	0	0	20	0	v
4D	47	CHECK LANDING GEAR LEVER IN DOWN POS.	1	. 90	0	100	Ú	0	0	c	20	o	C
40	48	CHECK THAT ANTI-SKID CONT SW GUARDS ARE DOWN	1	1.04	0	106	C	O	0	0	20	0	C
<b>4</b> D	49	CHECK AUTO BRAKE SEL SW SET TO OFF	1	1.08	0	106	c	0	0	0	20	0	c
<b>4</b> D	50	CHECK THAT PARKING BRAKES ARE SET	1	.97	0	106	C	G	0	0	20	0	e ·
40	51	SET PARKING BRAKE LEVER TO OFF POS	1 2	2.00 3.00	0	100 106	100	100 C	0 0	0	20 20	0	c o

CD	SK IDE	TASK NAME/DESCRIPTION	SIT	DUR TIME	C	TANNEI	L ACTI	Y11V	- PEI	CENT	OF DU	IR TTU	45
	52	RELEASE BRAKES		(SEC)	ΕV	IV	LH	RH	LF		COG		16
	53	SET GEAR SEAL SW TO	1	1.00	0	C	C	ι	1.54		.00	AUD	VBL
		DFF SEAL SW TO	1	2.48	0	100	_	·	100	100	20	0	C
4		SET GEAD DEL			•	100	1.00	0	0	O	. 2C	۵	0
		SET GEAR SEAL SW TO	1	2.48	0	100	100					_	•
							100	C	0	0	20	0	c

	TASK CODE		Š I	DUR Time	СН	ANNEL	ÁCT I	VITY -	- PERC	ENT	OF DUI	R TIM	E
	NO.	TASK NAME/DESCRIPTION	Ť	(SEC)	ΕŸ	·IV	LH	RH	·LF"	RF:	ĊOG :	AUD	VBL
4E	(1	SET ALT FLAPS MASTER SW TO ARM	1 2	2.01	0	100 100	0	100	0	Ü	20 20	0	0 6
48	62	SET ALT FLAPS MASTER SW TO OFF	1 2	2.01 1.70	0	100 100	C	100 106	0	· '0'	20 20	0	0 0
<b>4</b> E	0.3	SET ALT FLAFS SW TO UP	1 2	2.01 1.70	0	10t 10t	0	100 100	0 0	C O	20 20	0	i C
4 <u>E</u>	0.4	SET ALT FLAPS SW TO GFF	2	2.01 1.70	0	10¢ 10¢	. <mark>()</mark>	106 100	0 0	û O	20 20	0	(. (·
46	<b>C</b> 5	SET ALT FLAPS SW TO DOWN	2 1	7.61 1.70	0	106 106	c	100 100	0 0	C	20 26	0 0	0
4F	¢.	SET FLAP CONT LEVER TO FLAPS D	1 2 3	1.98 2.22 2.69	0 0	100 100 100	166 166 166	( () ()	ს ს ს	0 0 0	20 20 20	0 0	(. () ()
4 F,	5.7	SET FLAP CONT LEVER TO FLAPS 1	1	2.69	0	100	100	ı	С	0	20	Ú	Ć.
<b>4</b> F	61	SET FLAP CONT LEVER TO FLAPS 2	1 2	2.62 2.69	0	10t 106	100 100	u G	e u	0	20 20	0	(; 0
<b>4</b> E	('c	SET FLAP CONT LEVER TO FLAPS 5	1 2 3	4.00 1.93 2.69	0 0	106 106 106	100 100 100	υ (	0 0 0	0 0 0	20 20 20	. O	υ υ 0
41;	) (	SET FLAF CONT LEVER TO FLAPS 16	1	1.49	o c	100 100	100 100	c C	0 0	L U	20 20	0 0	() 0
<b>4</b> E	11	SET FLAP CONT LEVER TO FLAPS 15	1 2 3 4	4.00 4.24 2.46 2.89	0 0 0	10¢ 10¢ 10¢ 16¢	100 100 100 100	0 0 0	6 0 e	( () ()	20 20 20	0 0 0 0	0 0 0
<b>4</b> F	12	SET FLAP CONT LEVER TO FLAFS 25	1	2.90	C	160	160	G	o	G	20	Ü	Ú
48	13	SET FLAP CONT LEVER TO FLAPS 30	1	2.91	0	100	100	Ċ	O	U	20	0	G
4€	j 4	SET FLAF CONT LEVER TO FLAPS 40	i	2.92	C	100	190	U	Ü	t	20	U	(,
4 E	15	MONITOR FLAP FUSITION INCICATOR	1 2 3 4	2.62 4.60 2.23 .97	0 6 6	100 100 100 100	( ( (	0 0 i	0 0 0 0	0 0 0 0	20 20 20 20	0 0 0	6 6

	CCDE		S	DUR Time	CH	IANNEL	ACT1	YTTV	- PER	CENT	OF DU	R TIM	E	
•		TASK NAME/DESCRIPTION	Ť		Ē٧	IV	LH	RH	LF	RF	COG	AUD	VBL	
<b>4</b> F	16	CHECK FLAP LEVER AND POSITION INDIC AGREE	1	2.50	0	100	. <b>c</b>	U	0	Ü	20	С	ί,	
4E	17	MON FLAP LEVER POS	1	1.24	o	100	C	Ć.	c	0	20	0	o	

	TASK		S	DUR" TIPE	Сн	ANNEL		VITY -					E
	NO.	TASK NAME/DESCRIPTION	T	(-S EC )	E V	IV	LH	RH	LF »	RF	COG	AUD	VBL
4F	C1	SET SPD BRAKE LEVER TO DOWN	1 2 3 4	2.61 2.99 3.26 2.81	G G O	50 50 50	C C C	106 106 160 100	0 .	. 0 . 0 . 0 . 0	20 20 20 20	0 0 0	0 . 0 0 0 .
4 F	ι 2	SET SPEED BRAKE LEVER TO ARM	1 2 3 4	4.00 4.00 3.26 2.81	0 0 0	50 50 50 50	C 10C C C	100 0 100 100	0 0 0	0 0	20 20 20 20	0 0 0	0 0 0
4F	<b>c3</b>	SET SPEED BRAKE LEVER TO FLT DETENT	1 2 3 4	2.99 2.61 3.26 2.81	0 0 0 0	50 50 50 50	0 ( ( 0	160 100 100 100	G 0 0	0 .0 0 0	20 20 20 20	0 0 0	6 0 0 0
4F	(4	SET SPEED BRAKE LEVER TO JP	1 2 3 4	2.61 2.99 3.26 2.81	0 ( 0	50 50 50	( C C	100 100 100 100	0 · · · · · · · · · · · · · · · · · · ·	ŏ	20 20 20 20 20	0 0 0	C O O
4F	ŗţ	MON SPD BRAKE DO NOT ARM LT CN	1 2 3	.73 .63 .35	0 0 0	100 100 100	· c	6 6 0	0 0	0 0 0	20 20 20	0 0 0	6. 0
4 F	Ce	MON SPD BRAKE DO NOT ARM LT OFF	1 2 3	.73 .83 .35	0 0 0	100 100 100	( ( C	 	0 · 0	0	20 20 20	0	() () ()
4 F	ċ7	MONITOR SPEED BRAKE LEVER AFMED LT GREEN	1 2 3 4	2.60 .73 .83 .35	0 0 0	100 100 100 100	( ( (	€ U C €	( 0 () ()	0 0 0	20 20 20 20	0 0 0	€ 0 6
4F	OE	MON SPD BRAKE LEVER ARMED LT OFF	i 2 3	.73 .83 .35	C 0 0	100 100 100	(	č G	0.0 0	0 0 0	20 20 20	0 6	0 0 6
4 F	ſ¢	ACTJATE SPEED BRAKE 1 TEST SW	1 2	2.09 1.35	0	100	Ĺ	100 100	0 0	ن ن .	2C	ი ი	C·
4 F	10	ACTUATE SPEED BRAKE 2 TEST SW	1 2 3	2.09 1.35 1.44	c o c	10C 10C 10C	ن د و	100 100 100	0 0 0	( ()	20 20 20	- 0 0 0	i ( (
<b>4</b> F	11	ACTUATE SPEED BRAKE 3 TEST SW	1 2 3	2.09 1.35 1.47	0 0 0	100 100 100	( (	100 100 100	3 0 0	O C C	20 - 20 20	0 0	ι 0
4 F	12	MON SEC BRK LEVER IN DOWN AND DETENT PUS.	1.	2.00	0	.100	, c	c	o	C	20	υ	· •

	TASK CODF		S I	DUR Time	CH	IANNEL	ACT]	YTIV	- PERC	ENT	OF DU	IR TIM	IE:
	NC.	TASK NAME/DESCRIPTION	T	(SEC)	ΕV	ΙV	LH	ŔĦ	LF .	RF.	C OG-	. AUD	VBL
46	(1	ADJUST AILERON TRIM WHEEL	. 1	4.(4 -	0	, · ·c	. (	100	9.	C	. 20	o	<b>C</b>
46	(2	ADJ STABILIZER	ì	2.50	0	50	C	100	0	0	- 20	0	ı
		TRIM WHEEL	2	3.42	0	5 L	166	Ú	o	C	20	0	0
			3	3.42	0	5(	G	190	0	.C	20	0	(··
46	03	MON STABILIZER TRIM	1	2.48	0	100	t.	ι	U	Ų	20	C	0
		INDIC	2	• 26	0	106	C	C	0	0	20	0	(
			3	2.(1	Û	100	C	Ĺ	C	, 0	20	0	Ü
<b>4</b> G	04	SET PILOT STAB TRIM SWITCHES	1	2.11	0	(	ι	, r	100	C	20	o	0
4G	C \$	ALTUATE STABILIZER BRAKE PELEASE	1	3.16	ė	106	С	160	0	C	20	c	( ***
43	(6	ACTUATE STABILIZER BY CWS	1	3.16	0	106	c	100	ú	c	20	o	(·
4G .	07	ADJUST RUDDER TRIM WHEEL	1	3.59	o	(	C	100	Ċ	Ú	20	Ö	U.
4 G	C.P	SET STAB TRIM MAIN	1	2.22	c	100	150	ı	Ċ	0	20	Ó	
		ELEC CUTLUT SW TO NGRMAL	2	2.22	บ	100	C	100	ō	Ō	20	ò	C .
46	(, <del>ò</del>	SET STAB TRIM MAIN BLEC CUTCUT SW TO TUDIUD	1	2.22	0	100	190	C	C	C	2¢	·C	•
43	11	SET STAB TRIM A/P	1	2.22	0	106	100	0	o	c	20	G	o
		CUTOUT SW TO NORM	2	1.25	C.	100	(	100	Ü	Û	20	G	e
46	11	SET STAB TRIM A/F CUTOUT SV TO CUTOUT	•	2.22	C	100	100	c	ن	Ü	20	0	C
46	12	MONITUR TAKEOFF Warning Horn	i	2.22	c	100	100	c	C	Ç.	20	û	L
4 G	13	MON STAB TRIM LT ON	1	2.48	O	100	ċ	0	J	C	2¢	Ú	e.
			2	2.13	C	100	Ĺ	Ü	Ó	Ú	20	Č	ŧ
		•	3	. 75	U	100	(	Ü	Ü	0	20	0	C
			4	• <b>¢</b> 6	С	100	C	C	ű	Ū	20	C	4
4G	16	MON STAB TRIM LT OFF	1	¿.4H	o	100	(·	Ú	ű .	C	20	0	ι
		•	2	2.13	Ü	100	(	L	Û	Ü	20	0	C
			3	. 75	C	100	C	C	Ü	C	20	e	· ·
			4	.60	Ĺ	100	C	C	U	U	20	C	t.

TASK DUR CHANNEL ACTIVITY - PERCENT OF DUR TIME Ī CDDE TIME TASK NAME/DESCRIPTION EV - IV LH PARH . LEFT RF. COG. AUD VBL Nú. (SEC) CHECK THAT STAB TRIM 1 CUTOUT SW#S SET TO **4**G 1.30 0 100 (·  $\tilde{u}=1/(C_{\mathrm{con}}),\;0...,\;20$ 0 . 15 0 NGRMAL

									_				
	TASK	•	٠ ٢	DUR	СН	ANNEL	ACTI	VITY .	- PER(	ENT (	OF DU	R TIM	E
	CODE NO.	TASK NAME/DESCRIPTION	I T	TIME (SEC)	ΕV	'IV	LH	RH	LF.	RF.	COG	AUD.	VBL
4H	61	SET FFD CHS SW TO ENGAGED	1	2.05	U	100	C	106		, , O,	20	c	c
44	C.S.	SET FFD CHS SW TO DISENGAGED	1	2.05	0	106	C	106	ō	O	20	O	(
4н	63	MON FFD CWS SW SET TO ENGAGED	1	1.50	c	106	c	0	0	0	20	0	(·
4н	14	MON FFO CWS SW SET TO DISENGAGED	1	1.54	o	100	G	Ċ	0	0	20	0	U

	TASK		S	DUR	СH	ANNEL	ACTI	VITY	- PEF	RCENT	OF DU	R TIM	Ę ,	
	NO.	TASK NAME/DESCRIPTION	Ť	(SEC)	٤V	IV	LH	⊬≐RH	÷LF.	RF	COG	AUD	VBL	
44	61	ACTUATE NOSE GEAR	1	5.68	c ·	٠ ر	100		0	. 0	. 20	0;	ú	
		STEERING WHEEL	2	2.94	0	O	100	Ú	. 0	0	2Ċ	0	Č	٠
			3	156.60	0	C	10¢	C	0	0	žo	0	0	
			4	16.00	0	. (	100	0	0	O	20, 20	0	Ü	
4 M	0.2	ACTUATE NOSE GEAR	1	15.60	0	. C	(.	Ú	100	0	20.	0	0	
		STEERING USING	2	20.00	0	ε	Ü	0		. 100	Ž. 20.	0	C .	•
		RUDDER PEDALS	3	150.00	0	C	√. C	(	100	100	20	0	0	
			4		Ö	C	C	C	100	100	2C	0	Ĺ	
4M	(· <u>3</u>	ACTUATE NOSE GEAR	1	45.00	0	C	. с	(.	100	100	20	0	oʻ	
	-	STEERING USING	2	100.00	Ö	C	C	Ċ	100	100	20	0	Ó	
		RUDDER PEDALS	3		0	. 0	0	0	160	100	20	Ö	0	
			4	10.60	Č.		Č	Ğ	100	100	20	0	0	
4 4	0.4	ÄCTUATE NÜSE GEAR Steering Jsing Rudder Pedals	1	140.60	С	, <b>C</b>	. <b>c</b>	<b>U</b> .	100	100	20	Ĺ	U	

	TASK		\$ I	DUR TIME	Сн	ANNEL	ACTI	VITY	- PERC	CENT	OF DU	R TIM	E
	NG.	TASK NAME/DESCRIPTION	ř	(SEC)	EV	IV	LH	RH	LF	RF	COG	AUD	VBL
4N	()	MONITOR LEADING EDGE	1	2.00	0	106	c	0	0	0	20	0	c
		DEVICE POSITION	2	2.34	0	10C	C	o	ŏ ·	* C	20	. 0	G
		INDICATOR LTS	3	2.24	C	100	C.	C	0	Û	2û	Ċ	(*
			4	2.61	C	106	c	Ų	ű	Ç	20	O	C.
4N	1.2	ACTUATE LEADING EDGE	1	2.05	0	100	C	100.	o,	Ċ	20	0	C
		DEVICE ANNUN PNL	2	1.52	0	100	C	100	Ó	0	20	0	e
		TEST SW	3	1.62	û	100	100	Ü	0 ,	Ü	2ü	0	C
4.9	0.3	MON LE FLAPS-IN-	1	. 54	٥	100	ί	O	ε	e	. SC	U	ι
		TRANSIT LT ON	2	1.17	0	100	C	Ğ	U	Č	20	Ö	Ġ
45	e 4	MON LE FLAPS-IN-	ì	.54	o	100	ι	U	` c	c	20	G	(·
	•	TRANSIT LT OFF	2	1.17	0	100	C	C	Ü	c	20	O	Ċ
4 N	( =	MON LE FLAPS EXT	1	.54	Ú	100	С	G	0	o	20	o	(
		LT ON	2	1.17	Ü	100	ί	i	ن	Ö	20	Ö	Ċ
4 N	€.	MUN LE FLAPS EXT	1	. 54	0	100	C	O	С	0	26	C	G
	•	LT OFF	2	1.17	Č	100	Č	Č	ō	Ü	20	ű	Ç

	TASK		S I	DUR . Time	СН	ANNEL	ACTI	VITY -	PERC	ENT	OF DU	R TIM	<b>E</b>
		TASK NAME/DESCRIPTION	_	(SEC)	ΕV	, IV,	LH	RH :	LF	RF	COG	AUD	VBL
5D	(1	MON ADF NO 1 FREQ ; INDIC	2	•77 1•98	0	100 100	C	Ú .	. O	0 0	20 20	0	. 0
50	0.2	SELECT ADF NO 1 FREQ	1	2.86	0	100	O	100	0	0	20 20	0,	0
			2 3	1.98 1.98	0	100 100	0 100	0 100	0	0	20	0	C
50	63	SET ADE NO 1 FUNC	1	1.85	0	100	100	C		C	20	_	
	•	SEL, SW TO DEF	2 3	2.66 1.93	0	100 100	0	100 100	0	0	20 20	0	0
50	0.4	SET ADE NO 1 FUNC	1	1.85	0	100	10C	0	0.	C	,20	٥.	0
		SEL SW TO ANT	2 3	2.66 1.93	0	10¢ 10¢	C C	100	0	0	20 20	0	Ö
50	05	SET ADE NO 1 FUNC	1	1.65	0	100	100	C	0	Ú	20	_	r.
		SEL SW TO ADF	2	2.06	0	100	.C	100	0	, 0	20	0	C
			3 4	1.93 2.20	C	100 100	C 100	100	0 '	0	20 . 20	0	(,
			·		•			-	7	•		_	-
50	¢€	ADJUST ADF NO 1 GAIN	1	1.93	Ü	101	C	100	ر ز در		2¢	Ö	0
50	Ģĸ	SET COMM 2 FILTER SEL SW TO VOICE	1	2.00	0	100	C	100	٠ ,	,0	. 20	c	C
50	(-9	SET COMM 2 FILTER SEL SW TO BOTH	1	2.00	0	.100	C	100	ΰ	O	2(	0	0 .
50	10	SET COMM 2 FILTER SEL SW TO RANGE	1	2.66	0	100	0	100	<b>0</b>	. 0	20	0	o
50	11	MON ADF 1 AUDIÐ VIA LOUÐSPEAKER		2.00	o	100	Ċ	100	0	0	20	c	E
50	12	AIV CIDUA 1 ADA NUM TASCABH	1	2.0C	o	100	ſ	160	ø.~.	Ċ	20	0	ι
50	13	'ACTUATE COMM 2 ADF-1	1	1.43	<b>(</b> :	10C	Ĺ	100	e	С	. 20	0	0
	• •	COMM RECVE SW	2	2.45	Ö	100	Ċ	100	i 0	Ü	20	ō	Ù
			3	2 • 44	0	100	100	Ü	0 .	C	20	C	U
50	3 4	ADJUST ADF NU 1 COMM RECVE VOL	1	1.96	0	10	ι	166	Ú	Ü	20	υ	o
50	15	SET ADE FO.1 FUNC	1	1.85	C	100	100	Ü	Ċ	o	0	Ć!	C
		SEL SW TO LOUP	2	2.06	0	100	0	100	C	0	C	O	c
		•	3	1.93	0	100	C	100	(;	C.	0	0	0
50	16	SET ADE NO.1 BED SW	1	1.42	C	100	ι	166	J	C	20	U	(·
		TO 0N	2	2.75	C	100	(	100	Ú	C	20	0	C
			3	3.00	C	100	100	O	O	С	20	0	(·

	TASK		S	DUR: TIME	CH	IANNEL	ACTI	VITY	- PER	CENT	OF DU	R TIM	Ε
	NG.	TASK NAME/DESCRIPTION	Ť	(SEC)	E V	·IV	LH	. RH	LF	. RF	COG	AUD	VBL
50	17	SET ADF NO.1 BFU SW TO OFF	1	1.42	O	106	c	100	J.	G	20	0	G
<b>5</b> D	18	ADJUST ADF NO.1 LOOP CONT	1	2.74	Ū	106	(	106	0	. 0	20	0	0
50	19	SEL ADF NJ.1 FREQ BAND .1940	1 2 3	2.13 2.75 3.00	0 0 0	106 106 106	C C 100	100 100 0	0 0	0 0 0	20 20 20	0 U	0 ( (
5D	žr	SEL ADF NO.1 FREQ BAND .4C84	1 2	2.13 2.75	0 e	100 10(	( (	100 100	0 0	0 0	20 20	0	¢.
50	23	SEL ADF NO.1 FREQ BAND .64-1.75	1 2	2.13 2.75	0 0	10¢ 10¢	C	106 160	ن 0	0	20 20	0	0 0
\$0	2 <b>?</b>	NON ADF NO.1 TUNING METER INDIC	1	• 77	o	100	C	τ	o	Ü	20	c	ί.
50	23	MON ADEZEMI 1 INDIC FOR COMPASS HDG	1	2.23	Ü	100	Ĺ	O	Û	Ũ	20	(·	ί
50	24	MON ADF/PMI 1 SYNÇ ANNUN	2	2 • 2 3 2 • C 2	0	100 100	C	O C	ò	0	20 20	o c	( (
50	25	ADJUST ADF/RMI 1 SYNC SEL	ì	2.47	C	106	100	U	J	, C	20	Ü	C
50	26	MON ADF/RMI 1 COM- PASS WARNING FLAG IN VIEW	1	2.23	0	100	ί	¢	ί	<b>t</b>	. 20	ů	l.
50	2 <b>7</b>	MON ADF/RMI I COM- PASS WARNING FLAG DUT OF VIEW	1	2.23	0	100	c	Ü	ਣ	ι	26	o	t;
\$0	28	FON ADE FOINTER NO.1 EN ADEZPEI 1 INDIC	2	2•23 2•66	0 3	100 10	C C	c L	0 9	0 Ü	20 10	0 C	¢,
50	20	MON ADE POINTER NO.2 ON ADEZEMI I INDIC	1	2.23 2.00	(. U	100	ί	G G	G U	C O	20 10	ပ် ပ	( C

	TASK CODE	The state of the s	. S ,	DUR TIME	СН	ANNEL	ACTI	VITY -	PERCEN	T OF DI	JR TIM	E f
	NO.	TASK NAME/DESCRIPTION	Ţ	(SEC)	٤V	IV	LH	RH 🔧	LF R	F' 'CDG'	AUD.	VBL
5 E	, <b>(1</b>	MON ADF NO 2 FREQ. INDIC	1 :	.77 1.98	0	100 100	C Ú	0· ··	-	0 0a 20 0 26		. O
56	GS.	SELECT ADF NO 2 FREQ	1 2 3	2.14 2.80 1.98	0 0 0	C. (	100 100 160	G G C	Ö	C 20 C 20 U 20	0 0 0	. <b>U</b> .
5E	C 3	SET ADE NO 2 FUNC SEL SW TO DEF	1	1.94	0	100	100	G	0	0 20:	0	0
5٤	<b>6.4</b>	SET ADE NO 2 FUNC SEL SW 10 ANT	1	1.94	0	100	100	· .	· o · ·	0 20	o	e i
<b>5</b> 0	(, <u>t</u>	SET ADF NO 2 FUNC SEL SW TO ADF	i :	1.94	Ü	100	100	U		0 20	Ú	¢
5E	re	ADJUST ADF NO 2 GAIN	1	1.94	G	100	100	C	Ç .	0 . 50	o	0
56	67	SET COMM 2 FILTER SEL SW 10 VOICE	1	2:69	o	·100	100		Ç.	û 20	С	0 .
<b>5</b> £	. ce	SET COMM 2 FILTER SEL SW TO BOTH	1	2•€9	C	ioc	100	<b>C</b> - 2	` <b>&amp;</b> 	o 2e	0 ·	0
5é	ι 9	SET COMM 2 FILTER SEL SW TU RANGE	.1	5 • Ç 9	0	100	100	<b>c</b> :	<b>o</b> "	0 20	C _	<b>0</b> .
5€	10	MCN ADF NO 2 AUDIO VIA LCUDSPEAKER	1	2.09	0	100	100		ų ·	c 20	Ú	U
5E	11	MON ADE NO 2 AUDIO VIA HEAGSET	1	2.69	o	100	100	Ċ	Ü	c 2c	U	C.
5 E	12	ACTUATE COMM 2 ADF-2 COMM RECVR SW	1	1.51 2.48	0 0	100 100	100	100	_	0 20 L 20	0	c c
56	1?	SET ADE MOLZ FUNC GOOD TO LOOP	ì.	1.94	O	106	TOC	0	Ü	0 20	, <b>c</b>	c
5 E	14	SET ADE NO.2 BEG SW TC ON	1	1.42	С	100	100	Ĺ	c	C 2C	C	Ĺ
5,5	15	SET ADE NO.2 BED SW TO DEE	1	1.42	û	10C	100	C	Ģ	V 20	C	C:
5E	16	ADJUST ALF NO.2 LUCF	1	2.85	C	100	100	ı	ð	0 26	Ó	Ú
5£	17	SEL ADF NJ.2 FREQ BAND .1940	1 2	2.80 2.69	Ö	2( 2(	100 100	Ċ		0 20 0 C	c o	C C

	TASK		s	DUR	СН	ANNEL	ACTI	VITY -	- PER	CENT	OF DU	R TIM	Ę
	CODE.	TASK NAME/DESCRIPTION	Ţ	TIME (SEC)	ΕV	ΙV	LH	RH	LF	RF	ĊOG	AUD	VBL
5F	18	SEL ADF ND.2 FREO BAND .4C84	2	2.80 2.69	0	2¢ 2¢	100 100	0	O Ú	0	20 C	<b>U</b>	0 0
5Ê	1 ċ	SEL ADF NO.2 FREQ BAND .84-1.75	1	2 • 80 2 • 69	0 C	20 20	100 100	G C	0 0	G G	20 C	0	0
<b>5</b> E	26	MON ADF NO.2 TUNING METER INDIC	1	2.20	0	100	C	υ.	U	O	20	O	t <sup>.</sup>
5E	21	MCN ADF/FMI 2 INDIC FOR COMPASS HOG	1	2.26	С	100	<b>C</b>	C	c	0	20	σ	G
5E	25	MON ADF/RMI 2 SYNC Annun	1	2.26	Û	100	c	U	û :	С	20	O	ι
5 E	23	ADJUST ADF/RMI 2 SYNC SEL	1	2.68	Ċ	100	100	0	0	0	20	0	O
5E	24	MON ADF/RMI 2 COM- PASS FLAG IN VIEW	1	2.20	0	100	C	G.	c	Ú	20	O	G
<b>5</b> 8	25	MON ADF/RMI 2 CÚM- Pass flag out of View	1	2.26	o	100	(	c	Ü	C	2ŭ	Ú	C
58	26	MCN ADE NO.1 POINTER ON ADEZENI 2 INDIC	1	2.26	0	106 16	C	<b>C</b>	0	c o	20 10	U Ci	C
		GE AUF/FEI 2 INDIC	2	2.60	U	10	U	U	U	U	10	U	ſ,
50	2 <b>7</b>	MON ADE NJ.2 PUINTER ON ADEZPMI 2 INDIC	1 2	2.26 2.00	C O	10( 16	( (	Û G	ů O	Ģ O	20 10	C ပ	Ç Ü

	TASK	Same to suffer the second	Ş	DUR T	СН	ANNEL	ACTI	VITY	- PERC	ENT	OF DU	R TIM	E .
	NO.	TASK NAME/DESCRIPTION	T	TIME (SEC)	£ V ·	ĪV	ĹĦ	RH	LF	RF	C DG -	AUD	VBL
5G	01	SÉT VOR/RMI COMPASS SÉL SW TC NO.2 NORM	[1	2.15	0	10Ċ	100	C	<b>~0</b> ∴	e	20	0	Ø. =
5G	C 2	SET VOR/RMI COMPASS SEL SW TO NG.L	1	2.15	0	100	100	.0	0	0	. 2C	0 ·	C .
5G	С3	MON CEMPASS HDG ON VOF/RMI 1 INDIC	. 1	2.•25	0	106	c	c	0	<b>C</b> .	20	0	O
5G	(4	MON VOR FOINTER NO.1 ON VOR/RMI 1 INDIC	· 1	2.25	0	10t 10	Ç	o C	່ວ	0	2C 16	0	C
56	C5	MON VOR FOINTER NO.2 ON VOR/RMI 1 INDIC	5 I	2.25 2.00	0	10¢ 10	Ç	0	0	0	20 16	G G	0 6
5G	56	SET CEMPASS SEL SW TO NO.1	1	1.46	0	100	100	0	0	0	20	Ò	o
5 G	ι 7	SET COMPASS SEL SW	1	1.46	C	100	100	C	Ç	o	20	C	c

	TASK		S	DUR	CH	IANNEL	ACTI	VITY -	- PER	CENT	OF DU	R TIM	E
	CCDE NG•	TASK NAME/DESCRIPTION	Ţ	(SEC)	. EV	IV	LH	RH	LF	ŘF	coe	AUD	VBL
5н	01	MUN COMPASS HOG ON	1	2.27	0	106	c	C	C	o	20	0	C
		VOR/RMI 2 INDIC	2	2.03	0	10C	O	O	C	0	26	0	0
5-1	0.2	MON VOR POINTER NO.1	1	2.27	٥	106	С	0	0	0	20	o	C
•		ON VOR/PMI 2 INDIC	2	2.63	ā	106	Ĺ	Ü	O	0	20	0	i
			3	2.00	0	10	C	C	ິວ	0	10	0	0
5H	. 63	MON VOR POINTER NO.2	1	2.27	G	100	ί	e	υ	ن	20	o	6
•		ON VOR/RMI 2 INDIC	2	2.63	Ō	106	C	Ċ	0	Ĺ	20	0	G
			3	2.00	С	16	. (	Ċ	U	ι	10	0	0

	TASK		٠.	<b>S</b> 8	DUR	C۲	IANNEL	ACTI	VITY -	- PERC	ENT (	OF DU	R TIM	E
	ND.	TASK NAME/DESCRIPTI	ON	Ť	TIME (SEC)	'€¥	"I.V	ŁН	RH	LF	RF,	COG	AUD	VBL
5K	(1)	FOLD MAG COMPASS		1	3.50	. O	100	O	100	<b>0</b> 30 3	C	20	0.	Ü
5K	ι 2	MON MAG COMPASS HEADING INDIC	1	*	1.50	. 0	100	0	0	0	0	20	0	O
5 K	63	FOLD MAG COMPASS OUT OF VIEW		1 2	3.50	0	100	e c	100 100	0	ů O	20 20	0	Ú

	TASK		S	DUR TIME	СН	ANNEL	ACTI	YITY	- PER	CENT	OF DU	R TIM	IE
		TASK NAME/DESCRIPTION	Ť		ΕV	IV	LH	RH	LF	RF	C DG	AUD	VBL
50	(·1	MUNITUR PANGE INDIC	1 2			10C 10C	C C	Ċ		C G		0	(. (.
			3	1.16	_	100	Č	Ö	ō	ō	20	ō	Č
			4	.80	0	106	С	Ü	0	. 0	20	O	L

	TASK					Š	DUR Time	СН	IANNEL	ACTI	VITY -	PER	CENT	OF DU	R TIM	E
	NO.	TASK	NAME/	) ESCRI	PTION	T	(SEC)	EV	IV	LH	ŔĤ	LF	RF	COG	AUD	VBL
50	01	MON	RANGE	INDIC	: ON	1	1.03	0	106	0	0	0	o .	20	o .	O
٠.		DME	RNG NO	2 (		2	• 96	0	100	0	O	0	0	20	0	0
						3	1.16	٥	100	0	0	0	G	20	0	C
						4	. 80	ā	100	C:	6.	a.	t,	20	ñ	•

	TASK		S I	DUR' TIME	CH	IANNEL	ACTI	VITY	- PER	ENT	OF DU	R TIM	Ė
	NO.	TASK NAME/DESCRIPTION	Ť	(SEC)	E۷	IV	LH	RH	LF	RF	COG	AUD	VBL
5U	(1	MON NAV-1 FREQ INDIC	1	• 76	0	100	C	o	0	0	20	0	0
			2	4.97	C	106	(	Ú	Ú	G	20	0	0
			3	5.68	0	100	ľ	C	C	0	20	O	O
5 U	(2	SET NAV-1 FREQ -	1	2.89	0	10	c	100	0	Ú	20	0	U
		WHOLE NG.S	2	2.68	0	10	C	100	J	Ú	20	0	G
			3	3.60	0	10	100	0	0	O	20	0	C
			4	2.08	0	16	106	o	0	0	20	0	()
5U	6.3	SET NAV-1 FREQ -	1	2 • C 8	· C	16	C.	100	0	C	20	0	G
		FRACTIONS	2	2.68	0	1(	160	0	0	Ú	20	0	C
<b>5</b> U	64	ADJUST NAV-1 VOLUME	ì	2.68	Û	1(	C	100	G	Ü	20	C.	Ç
			2	2.20	Ģ	1(	100	0	o	O	20	O	С
50	65	ACT NAV-1 UP/LT TEST	1	2.24	0	16	(	160	Ó	ě	2C	0	C
5U	( (	ACT NAV-3 DN/RT TEST SW	1	1.97	0	10	C	100	o	C	20	o	Ú
51)	(7	ACT NAV-1 VOR TEST	i	2.26	0	10	C	100	v	О	26	G	C
- •		SW	2	2.35	Ü	10	100	ť	Ö	Ü	20	Ö	C
50	СH	ACT NAV-1 DME TEST	ī	1.97	0	10	100	Ĺ	ú	C	20	G	(
		S.W	2	2.34	0	10	100	C	0	0	20	0	Ç.
			3	2.25	Ù	10	Ċ	160	c	¢	20	Ü	, <b>u</b>
51)	⊇ ¢	SET COMM 2 FILTER SEL SW TO VOICE	1	2 • C C	o	100	C	100	0	ί	20	O	U
51)	3.0	SET COMM 2 FILTER SEL SW TO BOTH	ì	2.00	ð	100	(	160	. 0	Ü	20	O	ŀ
50	13	SET COMM 2 FILTER	1	2.05	Ċ	100	•	100	U	U	20	C.	f.
		SEL SW TO RANGE	Z	2.60	0	100	100	Û	٥	C	2ί	Ġ	Ĺ
51)	12	SET COMM 2 NAV-1 NAV	1	2.40	0	100	Ĺ	100	٥	o	26	C	E
		RECVR SW TO NN	2	2.44	C	100	100	Ü	O	0	20	0	O
			3	1.39	0	100	Ĺ	100	Q.	ن	20	C	(
			4	2.26	U	100	(	100	Ú	С	20	O	0
5U	13	SET CUMF 2 NAV-1 NAV	ì	2.46	0	100	(	100	Ç.	Ĺ	20	Ú	t.
		FECUR SE TO DEF	2	2.44	C	100	10C	C	0	Ġ.	20	0	(
			3	1.39	Ç	100	(	100	O.	0	20	0	C
			4 .	2.26	С	100	Ċ	100	U	C	2ί	ύ	(·
りり	14	CIUDA I-VAN NOM		2.4t	Ģ	100	ί	100	Ĺ	Ü	2t-	0	C

	TASK		S I	DUR Time	СН	IANNEL	ACTI	VITY -	- PER	CENT	OF DU	R TIM	E
	NO.	TASK NAME/DESCRIPTION	Ť	(SEC)	ΕV	IV	LH	RH	LF	ŔF	CDG	AUD	VBL
5 V	61	MON NAV-2 FREG INDIC	1	. 76	0	100	0	0	0	0	20	0	0
			2	4.71	0	100	C	Ú	Ü	G	26	0	(;
			3	4.91	0	100	C	0	0	O	20	0	e
5 V	6.2	SET NAV-2 FREQ -	1	2.73	0	10	100	0	ø	c	20	. 0	Ĺ
		WHOLE NO.S	2	2.93	0	16	100	Ú	U	Ü	36	· · · ·	Ü
			3	2.97	0	10	C	100	0	0	0	0	0
5V	03	SET NAV-2 FREQ -	1	1.98	0	16	100	e	0	0	. 50	Ü	O
		FRACTIONS	2	1.98	0	16	0	100	0	· O	20	0	C
		•	3	2.10	U	10	C	100	0	0	20	0	0
5 V	04	ADJUST NAV-2 VOLUME	1	2.18	G	10	100	C	o	C	20	Ú	e
			2	2.93	Ú	10	100	Ç	Ü	0	20	0	С
5√	0.5	ACT NAV-2 UP/LT TEST SW	1.	1.79	0	10	166	O	C	O	, 20	Ô	C
5 V	64	ACT NAV-2 DN/RT TEST SW	1	1.97	0	10	100	0	0	0	26	O	U
5 V	١7	ACT NAV-2 VOR TEST	1	2 • 2ô	0	10	100	0	0	0	20	o	0
		S M	2	2.34	0	10	C	106	Ü	C	50	0	(;
5 V	9.0	ACT NAV-2 DME TEST SW	1	1.84	0	10	160	í	C	Ű	26	L	Ç
5 V	ι 9	SET COMM 2 FILTER	1	2.19	0	160	100	ί	0	Ü	26	C	e
		SEL SW TO VOICE	2	2.00	C	100	C	100	O.	0	26	C	C
			3	2.83	O	100	100	U	0	0	20	0	O
5 V	10	SET COMM 2 FILTER	1	2.09	G	101	100	O	G	C	20	O	Ú
		SEL SW TO BOTH	2	2.00	C	100	C	100	C	G	20	C	U
			3	2.63	Û	100	100	Ĺ	Ü	Ú	20	c	C.
51	11	SET CEMP 2 FILTER	1	2.09	٥	100	100	Ĺ	C	O	20	Ú	(·
		SEL SW TO RANGE	2	2.00	0	100	Ú	100	C	0	20	0	Ũ
			3	2.83	ı	100	100	C	· •	U	26	U	•
5 V	12	SET COMM 2 NAV-2 NAV	1	2.40	Ċ.	100	100	L	J.	C	20	ũ	E
		RECVE SWITCH ON	2	1.49	3	100	100	Ù	Ų	Ú	20	O	Ĺ
			3	2.49	0	100	C	100	9	Ü	20	ũ	Ü
			4	1.39	0	100	·	100	Ü	c	Su	٥	U
5∨	1.3	SET CUMM 2 NAV-2 NAV	ı	2.40	C	100	106	Ó	0	U	20	G	i.
		RECVR SW TO OFF	2	1.40	Ċ	100	100	0	O	0	20	C	Ĺ
			3	2.49	Ü	100	(	100	Ç	C.	20	(·	C
			4	1.39	Ö	190	C	100	U	U	20	O	O
5 V	14	PEN NAV-2 AUDIO	1	2.40	0	100	100	ι	ŷ	Ċ	20	Ú	C

	TASK CODF		2 1	DUR Time	CH	ANNEL	ACTI	VITY	- PER	CENT	OF DU	R TIM	E
	NO.	TASK NAME/DESCRIPTION	Ī	(SEC)	ΕV	ΙV	LH	RH	. LF	RF	COG	AUD	VBL
5₩	61	MON NAV-1 FREQ INDIC	1	• 76	0	100	C	0	0	U	- 20	o	Ü
			2	4.49	0	100	C	Q	o S	C	20	0	(·
			3	3.95	0	100	Ç	U	Q	Ü	20	e	(
5 w	(2	SET NAV-1 FREQ -	3	2.91	ű	C	G	100	o	Ç	20	C	L.
		WHOLE NO.S	2	2.37	Ü	C	10C	C.	e	0	20	Ü	e
5 W	0.3	SET NAV-1 FREU -	1	1.58	0	C	C	100	Ú	Q	2¢	0	(;
		FFACTIONS	2	1.58	0	Ç	100	Û	0	0	20	O	G
รพ	1,4	ADJ NAV-1 VOLUME	i	1.56	ن	16	(·	100	o	0	20	0	e
		,	2	2.91	G	16	Ĺ	100	v	0	20	ı	į,
			3	1.58	Ü	10	100	C	Ú	0	20	0	0
	•		4	2.91	Ō	10	100	Č	Ü	0	20	Ċ	€,
5₩	( )	SET COMM 1 NAV-1 NAV	1	2.28	٥	100	· (	16C	c	ı	. 0	o	(;
		PECVR SW TO ON	2	2.40	ō	160	100	Č	C	0	C	Ō	C
54	(+	SET COMM 1 NAV-1 NAV	i	2.28	c	100	(	100	Ċ	U	ų.	0	ŧ.
•	• •	RECVR SW TO UFF	2	2.40	Ğ	100	100	ن	Č	Ü	ē	Ü	e

	TASK	in the second se	S	DUR <sup>3</sup> Time	CH	IANNEL	ACTI	VITY -	PERC	ENT (	OF DU	R TIM	Ε
	NO.	TASK NAME/DESCRIPTION	Ť.	(SEC)	E۷	I.V	LH	ri.RHi *	·LF.	RF -	COG	AUD	VBL
5 X	01.	MON NAV-2 FREQ INDIC	i	• 76	0	1'00	С	. 6	, O·.	G.	. 20	O	o
		•	2	4.57	0	100-	C	0	0	0	20	0	0
			3	4.53	0	100	Ĺ	Ü	0	0	2¢	0	Ü
5 x	(.5-	SET NAV-2 FREQ -	1	2.89	0	10	.C	1 <b>C</b> U	0	C	20	C	c
		WHOLE NO.S	2	2.95	0	(	160	L	0	C	. 20	O	0
5 X	. 03	SET NAV-2 FREQ +	1	1.58	O	16	C	100	0. :	Ç.	20	0	C.
		FRACTIONS	2	1.58	0	C	100	Ú	0	0	.20	G	C
5 X	(.4	ADJ NAV-2 VOLUME	1	1.58	c	10	0	100	0	О	20	o	Ç.
		•	2	2.99	C	10	C	106	Ú	C	26	0	U
5 X	(5	SET COMP 2 NAV-2 NAV	Ŧ	2.39	0	100	c	10C ·	. 0	.0	20	0	O
		RECVR SW TO ON	2	2.28	C	100	100	C	0	Ç.	. 20	0	C
5 X	(6	SET COMM 2 NAV-2 NAV	1	2.39	C	100	(	100	e	C	20	Ü.	C
		RECVR SW TO OFF	2	2.28	0	100	10C	C.	0	G	20	0	C

	TASK Cude		S	DUR Time	. Ch	IANNFL	ACTI	VITY -	- PER	CENT	OF DU	R TIM	į <b>€</b>
	NO.	TASK NAME/DESCRIPTION	T	(SEC)	EV	IV.	LH	RH.	LF	.RF,	COG	AUD	ABL
5 Y	<b>C1</b> .	MUN NAV-3 FREQ INDIC	ì	.76	0	100	G	ζ	0	C	20 20	0	G
		*	2	4.65	C	10C	(	. 0	0	0	20	o`	C
			3	4.70	0	100	Ç	C	Û	0	20	0	0
5 Y	02	SET NAV-3 FREQ-	1	3.C7	0	ıί	(	100	o	0	2 C	o	τ
		WHOLE NO.S	2	3.12	0	C	100	0	G	0	20	0. 0	C
5Y	(.3	SET NAV-3 FREQ-	1	1.58	o	16	1	ι	0	С	20	0	Ŀ
		FRACTIONS	2	1.58	0	C	100	() Ci	0	0	20 20	0	Ç
5 Y	14	ADJ NAV-E VOLUME	1	3.(7	0	16	С	100	O	c	20	0	ι
			2	3.12	ø	10-	100	Ú	0	٠ Ö	20 20	C	0
54	0.5	SET COMM 3 NAV-3 NAV PECVR SW TO ON	1	2.50	0	100	100	t	, <b>c</b> ,	c	20	C	ι.
5Y	06	SET COMM 3 NAV-3 NAV	· 1	2.50	c	100	10C	G.	ύ	o	2u	c	t <sub>i</sub>

	TASK	÷	S I	DUR TIME	СН	IANNEL	ACTI	VITY -	- PERO	ENT	OF DU	R TÍ	1É
	NO.	TASK NAME/DESCRIPTION	Ť	(SEC)	EV	IV	LH	RH	LF	RF	COG	AUD	VBL
64	¢1	MON WEATHER RADAR	1	4.11	0	100	Ç	0	0	^ o	20	0	. o
		AIDED	2	2.39	0	"10C	C	O	0	0,		0	0
		**	.3	2.00	0	.100	C	С	0	0	20	0	0
64	0.2	SEL 30-10 PPI SCALE	1	2.66	0	86	C	100	0	0	20	0	0
			2	2.18	0	80	0	100	C	0	20	0	U
		-	3	2.66	0	86	100	C	0	G	20	Ú	0
6 A	¢3	SEL 80-2C PPI SCALE	1	2.66	0	80	C	100	v	0	20	0	e
			2	2.18	0	8 (	C	100	Ü	0	26	0	c
6 A	0.4	SEL 180-30 PPI SCALE	1	2.66	o	80	C:	100	û	G	20	O	0
0.4		322 230 30 111 30AEE	2	2.18	ō	80	ō	100	ō	ō	20	ō	ő
64	05	ADJUST PPI TRACE CON	1	2.21	0	8 (	C	100	C	O	20	c	0
,		AD HIGH DOT CDACE		2 20	,	0.4	•	100	^	G	30	c	
64	( 6	ADJUST PFI ERASE RATE CONT	i	2.28	C	8(	C	100	C	U	20	Ċ	(,
6A	67	ADJUST PPI LIMMER	1	2.19	C	80	C	100	J	0	20	G	C
			2	2.14	0	80	0	100	C	C	50	C	O
64	<b>€</b> R	ADJUST PPI POLARI- ZATION CONT	1	2.19	ũ	8(	0	100	0	0	20	0	ί.
6 A	į o	SET W/R FUNC SEL SW	1	2.37	0	106	100	С	ō	O	2 Û	G	Ü
		TG OFF	2	2.38	0	100	(	100	ð	0	20	Ó	Ü
64	10	SET W/F FUNC SEL SW	1	2.37	o	166	106	c	õ	e	20	G	ť
	-	TO STBY	2	2.38	ō	100	C	100	Ğ	Ŏ	20	ō	Ū
6 A	11	SET W/R FUNC SEL SW	1	2.37	C	100	160	ı.	U	Ğ	20	0	¢.
CA	11	TO NORM	2	2.38	ő	100	100	100	Ü	ŏ	20	Ö	L
					_					_	•	_	_
5 A	3.2	SET W/R FUNC SEL SW TO CTK	1 2	2•37 2•38	O	100 100	100	Ú Í ÚU	e o	0 0	20 20	0	0
		10 01%	ε.	2.50	·	,00	•	100	•	Ū		·	v
54	13	SET W/P FUNC SEL SW	1	2.37	Ċ	106	100	(·	C	Ü	20	Ü	€:
		TC MAF	2	2 • 36	Ü	100	Ĺ	100	Ú	G	20	0	O
£Α	14	SET W/P FUNC SEL SW	1	2.37	O	100	100	(·	ΰ	O	21	c	C
	•	TO TEST	2	2.38	0	100	C	100	U	0	20	O	U
64	15	THOU HIAD SYW TRUEGA	1	2.17	c	86	C-	100	0	0	2û	G	C
	- '		2	2.12	Ğ	81	Ĺ	100	Ü	C	20	Ü	(·
6:A	16	ADJUST WAR ANT TILT	1	2.17	0	8 C	C	100	Ũ	0	26	С	Ĺ
C A	1.0	CONT	2	2.62	ï	80	ί	100	0	į	26	Ċ.	č
					^				٠.		2.		
64	17	CHECK W/F OFF	1	2.17	0	166	(	Ü	Ü	O	20	Ü	G

	TASK			<b>S</b> .	DUR Time	СН	IANNEL	ACT I	VITY -	- PER	CENT	OF DU	R TIME	E
		TASK	NAME/DESCRIPTION	ON T		ΕV	IV	LH	RH	LF	RF	COG	AUD	VBL
7 A	01		TON A 9ML4 DYH		2.75									
				3	2.55	Ğ	100	100	Ü	U	Ŭ	20	o	Ċ
				4	1.46	C	100	ŗ	100	0	0	20	0	0

	TASK	. :	•	S I	DUR TIME	СН	ANNEL	ACTI	VITY -	PER	CENT	OF DU	R TIM	Ę
	NO.	TASK	NAME/DESCRIPTION	T	(SEC)	E۷	IV	LH	RH"	LF'	RF	COG	AUD	VBL
74	. 02		HYD PUMP A NO 1 .		1.95		100 100	100 160	 0 0	0	Ç.	20 20		Ç L
				, <b>3</b>	1.46	O,	100	C	100	Ō	0	20	Õ	O,
				4	2.75	0.	100	C	100	0	0	20	0	C

	TASK CODE	•	S,	DUR Time	СН	ANNEL	ACTI	VITY -	- PER	CENT	OF DU	R TIM	ιE
	NO.	TASK NAME/DESCRIPTION	ī	(SEC)	٤V	IV	LH	RH	LF	RF	C OG	AUD	VBL
74	0.3	SET HYD PUMP A NO 2 ENG SW TO ON	2	1.95 1.46	C	10C 10C	100 100	. ŭ	ა 0	. 0	20 20	Ç C	C U
74	(4	SET HYD PUMP A NG 2 ENG SW TC OFF	1 2 3	1.95 1.46 1.46	0 0 0	100 100 100	100 100 0	0 100	0 0	u ü O	20 20 20	0 0	0 Ú C
74	r.5	SET HYD PUMP B.NO 1 ENG SW TO ON	1 2 3	1.95 1.46 1.46	0	100 100 100	100 106 0	0 0 100	0 0 0	0 0	20 20 20	Ú 0	6 6 9
7Ą	( f	SET HYD PUMP 8 NO 1 ENG SW TO DFF	1 2 3	1.95 1.46 1.46	0	100 100 100	100 100 C	100 6 0	C O U	ن 0 ن	20 20 20	0 0	0 0 (:
74 <sup>^</sup>	£7	SET HYD PUMP B NO 2 ENG SW TG ON	1 2 3 ·	1.95 1.46 1.46	0 0 0	10t 10t 10t	100 130 C	0 · 100	· 0 0 0	0	20 20 20	0 0 0	é 6 0
7∆	₹.€	SET HYD FUMP B NG 2 ENG SW TU OFF	<u>1</u> 2 3	1.46 1.95 1.46	0 C	100 100 100	100 160 0	0 C 100	0 0 0	0 U C	20 20 -20	0 0	0 0 0
74	;: <b>9</b>	MON HYD SYS A NO 1 PUMP LG FRESS LT ON	1	. 55	G	100	c	i	:)	Ċ	20	O	U
71	10	MON HYD SYS A NO P PUMP LO FRESS LT OFF	1	.55	0	100	0	c	o	c	20	0	0
7 A	71	MON HYD SYS B NO 1 PUMP LO PRESS LT ON	1	.55	G	100	(	c	٥ -	ð	20	Ç	. G
7.4	12	MON HYD SYS 8 NO 1 FUMP LC PRESS LT OFF	1	. 55	O	106	Ç	Ü	0	U	20	o	(
71	7.9	MON HYU SYS 6 NO 2 PUMP LC FRESS LT ON	1	.55	0	100	С	Ċ	O	c	20	C	€ .
74	14	MON HYD SYS B NO 2 PUMP LO PRESS LT OFF	1	• 55	O	100		C	υ	O	20	C	C
74	15	MUN HYD SYS B NO 1 NC TI THAVO GRUP	1	. 55	С	100	C	C	Ğ	Ü	20	Ú	C.
74	1.	MON HYC SYS B NG 1 FUMP CVRHT LT DEF		. 55	C	100	C	Ċ	Ċ	Û	20	(·	ζ.
74	3 7	MON HYD SYS B NO 2 PUNP GYRHT LT ON	ì	.55	Ċ	100	C	0	O	0	20	C	O
71	18	MGN HYD SYS B NO 2 PUMP OVRHT LT OFF	i	. 55	c	100	Ĺ	ů	Ċ	U	20	o	ſ

	TASK	. •	Ş	DUR	СН	ANNEL	ACTI	VITY -	PER	CENT	OF DU	R TIM	Ę
	NO.	TASK NAME/DESCRIPTION	I	TIME (SEC)	ΕV	ΙV	LH	RH	LF	RF	COG	AUD	VBL
74	19	MON HYD BRAKE PRESS INDIC	2	2.24 2.07	0	10C 100	C	0	.0 .0	0	20 20	e o	(, O
7A	21	MON HYD PRESS INDIC	5	2.63 2.24	0	100 100	C	; <b>C</b>	O Ú	0	20 20	0	0 6
74	21	MON HYD SYS A QTY INDIC	1 2	2.02 2.24	0 0	10t 10t	. <b>t</b>	C U	C U	(, 0	20 20	C	() ()
7A	2.2	MEN HYD SYS B LO GTY LT ON	1 2	.54 1.27	C O	10¢ 100	r C	. 0	0 0	, 0 , 0	20 20	0 0	0
7 A	23	MON HYD SYS B LO QTY LI OFF	1 2	.54 1.27	o O	100 100	e c	<b>(</b> :	0	C	20 20	C	0. 0
7A	24	MON MASTER CAUT AND HTDRAULIC ANNUN LTS ON	i	.53	0	100	- <b>C</b>	· <b>(</b> ).	0	<b>O</b>	20	o	c
7Δ	2 <i>!</i> :	ACTUATE MASTER CÄUT RESST SW	1 2	2.14 2.14	0	10¢ 10¢	100	190	0	0 ŭ	20 20	Ċ O	0 0
7.A	26	MON HYD ANNUN LT ON	1	.53	0	100	C	O.	o´	0	20	C	Ü
74	?7	MON HYL ANNUN LT OFF	1	.53	0	100	Û	<b>0</b> :	o	O	2.0	0	Ú
74	2 F	ACTUATE ANNUN PNL RECALL SW	1 2	2.28 1.93	С 0	16 1(	100 100	. C	Ú O	0	20 20	0	o ,Ç
74	Sċ	CHECK SYS B HYD PUMP SW≦S CFF	1 2	.90 -1.52	0 C	100 100	(· C	G G	0	,0	20 20	6 0	0
74	36	CHECK ENG NO.1 SYS A HYD PUMP SW SET TO ON	1	1.36	C	100	C	C		<b>O</b> .	<b>2</b> 0	0	C
74	31	CHECK ENG NE.2 SYS A HYD PUMP SW SET TO EN	1	. 75	C	100	c	0	0	C	20	õ	O
74	32	MON HYD SYS SWES	1	2.60	Ú	100	o	C	0	0	20	O	(·
74	33	MUN MASTER CAUTIEN AND ALL ANNUN PNL LTS ILLUMINATED	1 2	.70	o.	100 100	(	Ú	ე ა	. t	2û 20	o o	č O
7∆	34	SET GROUND INTER- CONNECT SWITCH DPEN	i 2	1.48 2.58	Ç	100 100	10¢	0 100	G G	O Ü	20 0	Ú O	0
74	35	SET GPOUND INTER- CONNECT SW TO CLOSED	1 2	1.48 2.58	0 G	10 <i>6</i> 100	100 (	100	Ú O	U	2¢ (.	0 0	C.
7.a	3 <i>t</i>	YON ALL ANNUN LTS	1	•53	o	100	r	υ	ບ	C	20	Ü	Ċ

	TASK		S I	DUR TIME	СН	ANNEL	ACTI	VITY	- PERC	ENT	OF DU	R TIM	£
	NO.	TASK NAME/DESCRIPTION	Ī	(SEC)	E V	ΙV	LH	RH	LF	RF	COG	AUD	VBL
78	С 3	MON NO 1 GEN DR LOW DIL PRESS LT ON	1	1.02	O	10¢	c	Ĺ	o	0	20	0	G
<b>7</b> 8	£ 4	MON NO 1 GEN DR LOW OIL PRESS LT OFF	1	1.62	O	100	Ć	0	0	0	20	0	G
78°	(. 5	MON NC 1 GEN DR HIGH UIL TEMP LT ON	1	1.02	C	100	. (	G	o	Ü	20	0	С
78	t é	MON NO 1 SEN DR HIGH DIL TEMP LT DEF	1	1.02	0	,10 <b>C</b>	. <b>C</b>	. <b>o</b>	0	3	20	C	¢
7:3	٢٦	ACTUATE NJ 1 GEN DR DISCOMMECT SW	1 2	1.72 1.96	ن 0	100 100	c c	100 100	0	o C	20 20	0	Ċ
73	í. E	MON NU 1 GEN DR CIL TEMP INDIC	1	2.08	¢	100	C	Ú	0	0	20	0	Ü
<b>7</b> B	( ¢	MON NO 2 GEN DR LOW DIL PRESS LT ON	1	1.(2	Ü	106	Ü	C	ŭ	C	30	С	i
75	10	MON NO 2 SEN DR LOW OIL PFESS LT OFF	ì	1.62	0	160	C	Ú	0	O	20	c	(
73	13	MON NU 2 GEN DR HIGH DIL TEMP LT UN	1	1.02	c	100	r	0	С	0	50	0	6
79	12	MON NO 2 GEN OR HIGH CIL TERP LT OFF	1	1.02	C	16t	e	v	o	. 0	20	Ú	U
<b>7</b> 3	13	ACTUATE NO 2 GEN DR DISCONDECT SW	1 2	1.72 1.96	e C	106 106	C.	100 100	. ¿	0 0	50 50	<b>c</b> 0	$\frac{\partial}{\partial t}$
<b>7</b> 9	) <b>4</b>	MON NO 2 SER OR GIL TEMP INDIC	1	2.68	c	10t	C	ι	Ü	o	50	C	e
7.1	15	SET STOBY PWR SW TO BAT	1 2	2•44 1•46	c c	10¢ 10¢	Ç	100 100	0	Ć C	5£ 5€	0	t:
<b>7</b> 8	16	SET STUBY PWR SW TO OFF	1	2.94	0	106	C	100	c	C.	20	υ	ι
73	17	SET STORY PWR 5W TO AUTO	5	2.94 1.90	0	10¢ 10¢	(	100 100	o o	Ċ	20 20	Ü	C C
73	15	AON STOBY PWK OFF LT ON	1	1.17 .89	0	100 100	C	į. U	ů O	ç.	50 50	Ú	ų (
73	19	NON STOBY POWER OFF LT UFF	2	1.17 .89	<i>ن</i> ن	10 <i>0</i> 100	i C	<b>i</b> i	o C	e C	20 20	(·	Ċ

	TASK		s I	DUR Time	CH	ANNEL	ACTI	VITY -	PERC	ENT	OF DU	R TIM	E
	NC.	TASK NAME/DESCRIPTION	T	(SEC)	EV-	· IV	LHA	. RH, '	LF	: RF	CDC	AUD-	VBL
78	20	SET GEN DR TEMP SW TO RISE	1	2.61	0	100	C:	100	0	0.	20	. 0	0
<b>7</b> 8	23	SET GEN DR TEMP SW TO IN	1	2.61	0.	100	c	100	C	0	20	0	¢.
78	22	SET BUS TX SW TO OFF	1	2.61	0	106	¢.	100	0;	c	. 20	o	G.
73	23	SET BUS TX SW TO AUTO	1	2.61	<b>C</b>	100	C	166	o	Ú	26	<b>0</b>	Ú
<b>7</b> 9	24	MON APU GEN OFF BUS LT UN	1 2	•63 •92	G 0-	100 100	0	0 	0	c 0	20 20	0	0 (:
<b>7</b> 8	25	MCN APL GEN OFF BUS LT OFF	1	•63 •92	0	10C 10C	C G	C	0 0: /	0	20 20	0 G	0
73	?t	MON GEN NO 1 TRANS— FER BUS CFF LT ON	1 2	•59 ••92	<b>G</b> 0	10 <b>¢</b> 100	(	Ç V.	0 0,	Ç.	2C 20	C O	0
<b>7</b> 9	27	MON GEN NO I TRANS- FER BUS LEF LT OFF	1 2	• 59 • 92	<b>0</b>	100 100	ć	o o	0	Ċ	2C 20	<b>c</b> 0	Ć (
<b>7</b> 8	28	MCN GEN NJ.1 BUS OFF LT DN	1 2	• 59 • 92	0	100 10(	C C	O Ú	o ပ	O L	20 20	0 Ú	0
<b>7</b> B	Şċ	MON BEN NO.1 BUS OFF LT OFF	1 2	•59 •92	Ü ·	100 100	( C	0	.) U	0	20 20	C C	(t) 0
73	-30	MON GEN NO.1 GEN OFF BUS LT CN	1 2	• 59 • 92	0	10( 100	0 C	ι 0	<b>6</b> . 0	C C	. 20 20	0	C
79	31	MUN GEN NO.1 GEN OFF BUS LT OFF	1 2	•59 •92	0	100 100	O L	o e	0 U	0	20 20	0 C	Č U
73	3.2	SET CEN NO.1 S4 Tu Dr.	1	1.72	0	100	0	100 -	0		20	0	C
74	33	SET GEN NO.1 SW TO OFF	1	1.72	o c	100 100	0 100	106	ن 0	. u	. 20 20	· ()	e C
73	34	SET APE GEN NO.1 SW TO ON	1 2 3 4	1.98 1.50 1.75 1.75	0 0 0 0	100 100 100 100	( 0 ( 100	100 100 100 C	0 0 0 0	000	20 20 20 20	C O C O	. Ç () () ()
78	3 5	SET APU GEN NO.1 SWITCH OFF	1 ? 3	1.98 1.50 1.75	0 င် ပ	100 100 100	(. (. 0	100 100 100	0 G 0	0 0 0	20 20 20	0 0 0	( (:
73	36	MON GEN MO.2 TRANS FER BUS OFF LT ON	1	.59	c C	100	c	U	Ü	ι	50	ŀ	(•
7=	- 37	MON GEN MO.2 TRANS-	1	•59	¢	100	C	Ċ	0	0	20	0	C.

	TASK		- S I	DUR Time	СН	ANNEL	ACTI	VITY	- PER	CENT	OF DU	R ŢIM	E
	NC.	TASK NAME/DESCRIPTION	Ť	(SEC)	ΕV	4. I V	LH -	R <sup>.</sup> H	LF	RF :	COG	AUD	VBL
<b>7</b> B	38	MON GEN NO.2 BUS OFF LT UN	1	.59	C	100	t '	ι	· y ·	0.	20	Ú	<b>0</b> .
<b>7</b> 8	39	MON GEN NO.2 BUS OFF LT OFF	1	. 59	C	100	C	c	Ü	0	20	o	(·
<b>7</b> 8	40	MON GEN NO.2 GEN OFF BUS LT CY	1	• 59	0	100	C	O	- 0	0	20	Ó	C
<b>7</b> 8	41	MON GEN NJ.2 GEN OFF BUSS LT OFF	1	• 59	0	100	0	0	C	<b>C</b> .	· 2C	0	C
<b>7</b> 8	42	SET GEN NO.2 SW TO ON	1	1.72	0	100	C	100	Ü	0	. 2û	U	U
<b>7</b> 8	43	SET GEN NO.2 SW TO OFF	1	1.72	G ·	100	¢.	100	U	Ċ	20	ò	Ĺ
<b>7</b> 8	. 44	SET APU GEN NO.2 SW TO ON	1	1.98 1.50	0 0	100 100	Ċ	100 100	٠ ن	O U	20 20	0	C.
<b>7</b> 8	4 !	SET APU GEN NO.2 SW TO OFF	1	1.98 1.50	c c	10¢ 10¢	C	100 100	C	U C	20 20	0	. c
<b>7</b> a	46	SET GRO FAR SW TO ON	1	2.44	o	100	c	166	Ú	Ű	26	ΰ	€.
7ª	47	SET GRD FWR SW TO OFF	1	2.44	o	10C	C	100	0	<b>C</b>	2C	0	(C
<b>7</b> 3	4.9	MON GRE PWR AVAIL LT ON	1	1.02	0	100	Ĺ	0	ű ·	0	20	Ü	O,
<b>7</b> 5	4.0	MON GRO FWR AVAIL LT OFF	1	1.02	0	100	(	· c	0	. 0	. 20	O	(,
73	5.0	MBN NG.3 SEN AC AMPS INDIC	ì	2.16	Ü	100	C	O	0	U	20	o	(
<b>7</b> 3	51	MEN NC.2 GEN AC AMPS INDIC	1	2.16	o	106	C	O	0	0	20	Ú	c
<b>7</b> 8	52	MON DC APPS INDIC	1	2.04	C	106	C	Ú	o	ن	2ŭ	e	t,
<b>7</b> 3	6.3	MON DC VELTS INDIC	i	2.00	0	100	C	Ü	Ü	Ü	20	o	(·
<b>7</b> 8	54	SET BATTERY SW TU GN	1 2	2.66 3.30	o C	100 100	( (	100 100	0	ç	20 20	o G	ι (
<b>7</b> B	ij	SEJ BATTER'Y SW TC OFF	1 2 3	2.00 3.30 3.30	0 0 0	100 100 100	( ( ()	100 100 0	0 0	C C	20 20 20	0 0 0	0 0
<b>7</b> 8	56	SET DO METER SEL SW TO STOBY PWR	1 2	3.36 2.18	o o	100 100	Ç	100 100	0 0	Ü	20 20	g e	0

	TASK		s	DUR	СН	ANNEL	ACTI	VITY	- PERC	ENT	OF DU	R TÍM	E .
	CDDE NO.	TASK NAME/DESCRIPTION	I T	(SEC)	εV	IV	LH	RH	LF	RF	CDG	AUD	VBL
<b>7</b> 8	57	SET DC METER SEL SW TO BATT	1	3.36 2.18	0	106 100	C	100 100	0 0	0	20 20	0	0
<b>7</b> 8	7.6	SET DC METER SEL SW TG TR 1	1	3.36 2.18	C O	10¢ 100	C C	100 106	0	C	20 20	0	C
<b>7</b> 8	59	SET DC METER SEL SW TO TR 2	1 2	3.36 2.18	0	100 100	C	100 100	ა 0	0	20 20	0	() ()
73·	6(	SET DC METER SEL SW TO TR 3	1 2	3.36 2.18	0	100 100	0	100 106	0	о 0	20 20	0	ů O
<b>7</b> 9	51	SET DO METER SEL SW TU TEST	1 2	3.36 2.18	O C	10t 10t	0	166 166	Ü	Ç	20 20	0 0	(; ()
<b>7</b> B	62	MON AC FREQ INDIC	1	2.04	¢	100	C	c	U	C	20	0	Ú
<b>7</b> B	r3	MUN AC VOLTS INDIC	1	2.00	C	100	C	C	ΰ	Ú	26	O	ι
73	64	SET AC METER SEL SW TU STOBY PWR	2	3.36 2.18	0 0	100 100	Ċ	100 100	Ü Q	0 G	20 20	0	e e
<b>7</b> 8	t t	SET AC METER SEL SW TU GAD PRR	1 2	3 • 36 2 • 18	0	100 100	C U	10C 100	0	0 0	20 20	0 0	t. O
<b>7</b> 9	ct	SET AC METER SEL SW TO GEN 1	1 2	3.36 2.18	C	100 100	C	100 100	c o	0	26 26	0	() (-
73	£ 7	SET AC METER SEL SW TO APU GEN	1 2	3.36 2.18	C O	100 100	Ç	100 100	0 0	0	20 20	0	U L
<b>7</b> 8	ť 6	SET AC METER SEL SW To gen 2	1 2	3.36 2.18	0 0	10¢ 10¢	С 0	10L 100	0	Ć O	20	C Ù	C G
73	69	SET AC METER SEL SW TO TEST	ì 2	3.36 2.16	C C	10C	C	166 136	Ú O	o O	20 20	ů O	(. ()
73	71	SET GALLEY PWR SW TO ON	S I	.50 1.80	0	100 100	C C	106 106 -	ن ئ	O Ü	20 20	0	0 C
<b>7</b> 8	7 ]	SET GALLEY PWR SW TG OFF	1 2 3	.50 1.(6 1.80	0 0 0	100 100 100	C C 10G	10C 10C C	0 0	() () ()	20 20 20	C 0 0	¢ 6 0
7-3	7.2	ACTUATE FESIDUAL VULTS SK	1	2.57	O	100	С	100	0	o	¢	С	Ċ
75	73	MUN MASTER CAUTIUN AND ELEC ANNUN LTS JN	1	.73	C	100	ί	ι	Ü	ο	20	c	C.
79	74	ACTUATE MASTER CAUT PESET SW	1 2	2.13	C O	10C 10C	0	100 100	ა ა	0	20 20	0 Ü	() ()

	TASK CODE		S	DUR Time	CH	IANNEL	ACTI	VITY	- PER	CENT	OF DU	IR TIM	E
	ND.	TASK NAME/DESCRIPTION	T	(SEC)	E۷	IV	LH	RH	LF	RF	COG	AUD	VBL
· <b>7</b> B	<b>7</b> 5.	SET EQUIP COOLING SW TO NORMAL	1	1.65	0	106	O	100	o	0	20	0	υ
<b>7</b> 8	76	MON ELEC ANNUN LT OFF	1	. 54	0	100	C	O	C	0	20	0	Ü
<b>7</b> 9	77	ACTUATE ANNUN PNL RECALL SW	1	2.13	0	10¢ 10¢	C C	0	0	0	20 20	0	0
<b>7</b> B	<b>7</b> ọ	SET EQUIP COULING SW TO ALTERNATE	1	1.65	C	100	C	100	. 0	0	20	0	O
<b>7</b> 3	טט	MON EQUIP COOLING	1 2	1.04 1.13	0	100	C: O	o o	0 0	C O	20 20	, c	0 0
78	61	MON MASTER CAUTION AND OVHO ANNUN LTS	1	.73	C	100	O	0	<b>0</b>	0	20	O	o
78	82	MON DVHD ANNUN LT ON:	1	.54	υ	166	C	¢.	o	C	20	ů	U
<b>7</b> 9	83	MON OVHO ANNUN LT OFF	1	.54	C	100	C	o	o	0	20	0	Ü
73	84	CHECK BATT SW ON	1	. 90	0	10¢	(	o	υ	o	0	( <sub>L</sub>	C.
<b>7</b> 8	85	CHECK CB≤S ON P-6 PNL	1	4.00	0	100	0	• С	ů	0	50	O	. 0
<b>7</b> B	. 86	CHECK MASTER ELEC SW ON P-6 PNL	1 2	4.00 2.00	0 C	100 100	Ç	o o	0	0	50 50	o C	Ċ
<b>7</b> 8	ę7	CHECK CB≤S ON P-18 PNL	1	4.00	0	100	C	0	0	0	- 20	o	0
79	tr	CHECK ENG NO.1 GEN UP DISCON SW SAFETIED	1	1.33	O	10(	C	0	0	0	50	<b>.</b>	U
<b>7</b> B	5 <b>9</b>	CHECK ENG NO.2 GEN DR DISCON S. SAFETIED	1.	.80	G	100	ť	o	G	O	SU	c	O
<b>7</b> 8	9r	CHECK THAT CSD DRIVE TEMP SW SET TO IN	1	1.39	0	100	ι	o	Ų	<b>c</b>	20	c	(;
73	۱۸	CHECK THAT BUS TX SW 15 SET TO AUTO	1	1.23	0	100	(	C	Ú	ů	2ú	e	O.
<b>7</b> 3	92	CHECK THAT EQUIP CUOLING SA IS SET TO NORMAL	1	1.35	0	100	C	0	<b>0</b>	С	26	o	U
<b>7</b> 9	43	MON GALLEY FOWER SW SET TO ON	1	1.41	0	100	<b>(</b> :	C	Ü	Ü	20	ů	Ŀ

TASK CODE I TIME CHANNEL ACTIVITY - PERCENT OF DUR TIME I TIME TO SECONDARY TO SECO

	TASK		2 1	DUR TIME	CH	IANNEL	ACT I	VITY	- PERC	ENT	OF DU	R TIM	E
	ND.	TASK NAME/DESCRIPTION	Ť	(SEC)	E V	ĮIV	LH	RH	LF	RF	ĊDG	AUD	ABT
<b>7</b> C	c 1	MON V-REF INDIC	1	2.30	0	100	C	0	Ġ	0	20	0	0
<b>7</b> C	02	SET ZERO FUEL WT SEL	1	4.CO	0	20	C	100	0	0	. 50	0	0
70	63	MON ZERO FUEL WT	1	4.00	0	106	C	Ú	0	0	20	0	0
<b>7</b> C	r·7	SET LANDING FLAP SEL	1	1.80	0	100	0	100	0	0	20	0	0
70	C 9	MON TANK NO 1 FUEL OTY INDIC	1	2.02 2.27	<b>0</b>	10¢ 10¢	0	0	O O	0	50 50	0	0 0
70	:0	MON TANK NG.2 FUEL QTY INDIC	1 2	2.62 2.27	0 0	10C 10C	C!	Ç	0	0	20 20	0	C
<b>7</b> C	11	MON CTR TANK FUEL GTY INDIC	2	2.10 2.46	0 C	100 100	C	Ú Ú	0	Ů	20 20	0	ů O
<b>7</b> C	12	MON FUEL TEMP INDIC	1	2.05	0	100	C	C	õ	O	20	0	O
7C	13	MON CROSSFEED VALVE OPEN LT OFF	1	• 55	C	100	C	C	o	0	SO	c	U
7C	14	MCN CROSSFEED VALVE OPEN LT ON BRIGHT	1	• 55	C	106	t	c	G	C	. 20	υ	v
<b>7</b> C	15	MON CROSSFEED VALVE UPEN LT UN DIM	1	. 55	c	106	0	C	· u	0	20	c	0
<b>7</b> C	) t	SET CRESSFEED SEL SW TO OPEN	2	2.79 2.62	0 0	106 106	ů C	106 106	C	U	20 20	0	0 0
7C	17	SET CROSSFEED SEL SW TO CLOSED	1 2	2.79 2.02	0 0	10C 10C	C C	100 100	0	0 0	20 20	0	() ()
7C	1.8	SET ENG NO 1 FUEL HT SW TO ON	1	1.99	С	100	c	160	0	o	20	0	0
<b>7</b> C	10	SET ENG NO.1 FUEL HT SW TO OFF	1	1.99	O-	100	ι	100	ú	U	20	0	C
70	20	MON OTR TANK LEFT FUEL PUMP LC PRESS LT ON	1 2	• 69 • 55	0	100 101	c c	Ů	0	0	20 20	0	0
7C	21	MON CTR TANK LEFT	i	. 69	C	100	(	c	Ü	Ü	20	O	C.
		FUEL PUMP LO PRESS LT GFF	2	• 55	0	100	C	U	0	Ċ	20	0	C
<b>7</b> C	22	MON CTP TANK RIGHT FUEL PUMP LO PRESS	1 2	•55 •69	0	10¢ 10¢	C	u u	9	0	20 20	0	6
		LT ON	_	• • •	•	100	v		,	·		•	V

	TASK CODF		S	DUR TIME	СН	ANNEL	ACTI	VITY -	- PER	CENT	OF DU	R TIM	E
	NG.	TASK NAME/DESCRIPTION	T	(SEC)	E۷	IV	LH	RH	LF	·RF	COG	AUD	VBL
<b>7</b> C	53	MON CTR TANK RIGHT FUEL PUMP LO PRESS LT OFF	2	•55 •89	0	100 100	C C	C C	. C	0 0	20 20	0	. 0
<b>7</b> C	74	SET CTR TANK LEFT FUEL PUMP SW TO GN	1 2	1.45 2.35	0	100 100	0	100 166	0	0 C	20 20	o c	0
70	25	SET CTR TANK LEFT FUEL PUMP SW TO OFF	1 2 3 4	1.45 2.35 2.35 1.45	0 0 0	10t 10t 10t 10t	(. (. 100 100	100 100 0 0	0 0 0	υ 0 0	20 20 20 20	0 0 0	0 (+ 0
70	2 <i>6</i>	SET CTH TANK RIGHT FUEL PUMP SW TO UN	2	1.45 2.35	C 0	10¢ 10¢	C	100	. U	C O	20 20	o o	0
<b>7</b> C	27	SET CTR TANK RIGHT FUEL PUPP SW TO OFF	1 2	1.45 2.35	ç o	10¢ 10¢	Ç	10¢ 100	. <b>C</b> O	0	20	O Ü	t t
7C	28	MON TANK NO.1 AFT FUEL PUMP LO PRESS LT ON	1 2	• £8 • <b>5</b> 5	0	100 100	O C	C C	0	0	20 20	0	С 0
70	? <b>9</b>	MON TANK NO.1 AFT FUEL PUMF LO PRESS LT OFF	2	•58 •95	0	10¢ 10¢	C	o o	0	. O	20 20	ů O	0
<b>7</b> C	30	SET TANK NO.1 AFT FUEL PUMP SW TU ON	1 2 3	1.97 1.59 2.35	0	100 100 106	0 0 <b>C</b>	100 100 100	0 0	. 0 0	20 20 20	0	C C
<b>7</b> C	31	SET TANK NC.1 AFT FUEL PUMP SW TO OFF	1 2 3 4	1.97 1.59 2.35 1.59	0 0 0	100 100 100 100	0 0 0	100 100 100 100	ს ე 0 0	0 0 0	20 20 20 20	0 0 0	0 0 6
70	3.2	MON TANK NO.1 FWD FUEL PUMF LOW PRESS LT ON	2	•55 •95	o o	10C 10C	t C	Ċ	0	C	20 20	<b>0</b> 0	о С
<b>7</b> 0	33	MON TAME NO.1 FWD FUEL PUNE LOW PRESS LT OFF	2	• 55 • 75	0	106 106	Ċ	O Ú	0 0	o´ u	20 20	0	o G
7C	34	SET TANK NO.1 FWD FUEL PUFF SW TJ ON	1 2	1.46	O O	10C 16C	(: C	100 100	0 0	. 0	20 20	<b>0</b>	(: 0
7C	3.f.	SET TANK NO.1 FWO FUEL FUMF SW TJ OFF	1 2 3 4	1.40 1.39 1.39 1.39	0 0 0	100 160 100 100	C C C 166	100 100 160 0	0 0 0 0	0 6 0	26 26 20 20	0 0 0	0 0 0
70	36	MCN TANK NC.2 FWD FUEL PUMP LOW PRESS LT JN	1 ?	•54 •98	6 0	10¢ 10¢	C C	υ 0	0	0	20 20	o o	0 0

	TASK		S	DUR TIME	CH	IANNEL	ACTI	VITY .	- PERC	ENT	OF DU	R TIM	E
	NO.	TASK NAME/DESCRIPTION	T	(SEC)	EV	IV	LH	RH	LF <sub>.</sub> :	RF	COG	AUD	VBL
<b>7</b> C	37	MON TANK NO.2 FWD FUEL PUMP LOW PRESS LT OFF	2	•55 •95	0	106 106	Ç	C C	<b>0</b> 0 .	0	20 20	0	C O
7C	3.8	SET TANK NO.2 FWD FUEL PUMP SW TO ON	1	1.45	0	100	0	100	0	0	, 20	0	0
<b>7</b> C	36	SET TANK NO.2 FWD FUEL PUMP SW TO OFF	2	1.45 1.45	0	106 100	¢ 0	106 100	ა 0	Ŭ O	20 20	0	0
<b>7</b> C	40	MON TANK NO.2 AFT FUEL PUMP LOW PRESS LT ON	2	•58 •95	0	100	C	G G	0	0	20 20	0	Ů
<b>7</b> C	41	MON TANK NO.2 AFT FUEL PUMP LOW PRESS LT OFF	2	•55 •95	0	100 100	<b>C</b>	G G	0	0	20 20	0	0
7C	42	SET TANK NO.2 AFT FUEL PUMP SW TO ON	1	1.56	Ü	100	C	100	0	0 -	20	0	0
<b>7</b> C	43	SET TANK NO.2 AFT FUEL PUMP SW TO DFF	2	1.56 1.56	0	10C 100	C	100 100	0 3	0	20 20	0	0
<b>7</b> C	44	MON ENG NJ.1 FUEL VALVE CLUSED LT OFF	1 2	• 55 • 95	0	100 100	C	(. 0	.) (-	0	20 20	0	0 0
<b>7</b> 0	45,	MON ENG NO.1 FUEL VALVE CLUSED LT ON BRIGHT	1 2	• <b>5</b> 5 • 95	. C	10C 10C	C C	0	0	Ö	20 20	0	0
7C .	4 t	MON ENG NO.1 FUEL VALVE CLOSED LT ON DIM	. 1	.55 .95	0	106 106	C	C	O O	.0 0	20 20	0	0
<b>7</b> C	47	MON ENG NO.1 FILTER	2	•95 •55	C C	10¢	C G	<b>C</b> O	o O	ů	20 20	o c	0 0
7C	4 &	MON ENG NO.1 FILTER ICING LT DFF	2	. 45 . 55	0	100 100	(° (	ů C	<b>c</b> 0	0	20 20	Ü-	C Ú
70	45	MON ENGINO •1 VALVE OPEN LT DEF	i 2	•53 •95	0	160 100	ć	C	O Ù	0	50 50	G G	(·
<b>7</b> C	50	MON FNG NO.1 VALVE OPEN LT ON BRIGHT	1 2	•55 •95	0	10t 16t	C	ů ű	. ö o	ů O	26 26	0	0 0
70 <sub>.</sub>	57	MGN ENG NJ.2 VALVE OPEN LT CFF	1 2	•55 •95	0 <sup>*</sup>	10L 10L	٥ ٥	Ç O	ů O	0	20 20	ა ი	e e
<b>7</b> 0	52	MON ENG NO.2 FUEL VALVE CLOSED LT OFF	1 2	.55 .95	c o	100 100	í	0	0 £	O Č	20 20	o C	<b>G</b> £:
<b>7</b> C	53	MON ENG NO.2 FUEL VALVE CLOSED LT ON BRIGHT	<u>i</u> 2	•55 •95	0	100 100	C	ů	0 3	0	20 20	o o	e t

	CLDE		S I	DUR TIME	СН	ANNEL	ACTI	VITY -	PER	CENT	OF DU	R TIM	E
	NO.	TASK NAME/DESCRIPTION	Ť	(SEC)	EV	ΙV	LH	RH,	ĻF	RF	ĊOG	AUD	VBL
7C	54	MON ENG NO.2 FUEL VALVE CLOSED LT ON DIM	2	• 55 • 95	0	10C 10C	6	0,	ů	0	20 20	0	c o
70	55	MON ENG NO.2 FILTER ICING LT ON	1 2	•55 •95	0	10C 10G	c c	C	<b>o</b> 0	0	20 20	0	Ú •0
7C	5€	MON ENG NO.2 FILTER ICING LT OFF	1 2	•55 •95	0	100 100	O G	ć	0	0	20 20	0	O L
<b>7</b> C	58	MON ENG NO.2 VALVE OPEN LT CN BRIGHT	i 2	. 55 . 95	0	10¢ 10¢	C	C C	o c	0	20 20	0	(° 0
<b>7</b> C	54	MCN ENG NJ.2 VALVE MID NJ FI NAGO	1 2	• 55 • 95	0 0	100 100	C	i i	0 0	.0	50 50	0	C G
7C		SET ENG MO.2 FUEL HT SW TO ON	1	1.62	ľ	106	С	100	C	0	.20	<b>O</b> .	O
7C	61	SET ENG NO.2 FUEL TO DEF	1	1.62	C	166	C	100	0	0	20	O	0
<b>7</b> C	6?	MON MASTER CAUTION AND FUEL ANNUN LTS ON	1	.73	C	100	С	C	0	0	20	Ü	C
<b>7</b> C	6.3	PPESS MASTER CAUT Reset sh	1	2.62	G	106		100	0	0	20	C	O
7C	÷4	MON FUEL ANNUN LT ON	1	•56	0	100	C·	G	0	0	20	0	C
<b>7</b> C	65	MON FUEL ANNUN LT OFF	1	.56	Û	160	С	O	O	0	20	C	C
<b>7</b> C	f f	FRESS ANNUN PNL RECALL SW	1	2.02	0	100	(	C	0	o	20	0	O
<b>7</b> C	£7	CHECK ENG NO.1 FUEL HEAT SW EFF	1	1.14	0	100	¢	o	0	С	26	0	(·
7C	٤ ع	CHECK ENG NO.2 FUEL HEAT SW (FF	1	. 63	Ċ	10(	¢	C	o	0	20	o	ι
70	ę c	CHECK CPESSFEED VALVE SW CLOSED	ì	.61	C	100	Ċ	Ċ	o	c	20	0	O
7C	71,	MON FUEL PUMP SW≦S ALL SET TO ON (6 SWITCHES)	1	1.59	O	106	c	U	С	O	20	C	C.
<b>7</b> C	71	MON FUEL PUMP SW≤S ALL SET TO OFF ≥c SWITCHES†	1	1.59	0	100	C	Ú	C	0	20	0	6

	CODE		S	DUR Time	CH	IANNEL	. ACT	VITY -	- PER	CENT	OF DU	R TIM	ΙĒ
		TASK NAME/DESCRIPTION	Ť		٤V	IV	LH	RH	LF	RF	COG	AUD	VBL
<b>7</b> C	72	PRESS FUEL QTY TEST	1 2	2.07 2.07		100 100		0 100		0		0	0
			3	6.20	0	100	C.	100	0	0	20	٥	C

	TASK	•••	S I	DUR TIME	СН	ANNEL	ACTI	VITY -	- PERO	ENT	OF DU	R TIM	E
	NO.	TASK NAME/DESCRIPTION	Ť	(SEC)	ΕV	IV	LH	RH	LF	RF	COG -	AUD	VĖL
<b>7</b> D	CI	MON DUCT PRESS INDIC	1	2.29	0	100	c	0	. 0	. 0	20	0	Ç
<b>7</b> D	02	SET GASPER FAN SW TO ON	1 2	2.70 2.70	0	10t 10c	100	100	0	0	20 20	0	0
<b>7</b> D	. (3	SET GASPER FAN SW TO OFF	2	2.70 2.70	0	100 100	10C C	0 100	ე ე	0 <b>0</b>	50 50	0	<b>G</b> <b>G</b>
<b>7</b> 0	04	ACTUATE WING BODY DVRHT TEST SW	1	2.20	0	106	10C	0	O	Ü	20	0	O
70	65	SET LEFT PACK SW TD DN	1 2 3 4	1.52 2.49 1.52 2.69	0 0 0	100 100 100 100	106 106 (	0 0 100 100	0	ο ο ο	20 20 20 20	0 0 0	0 0 0 0
<b>7</b> ט	i e	SET LEFT PACK SW TO OFF	1 2 3	1.52 2.49 2.63	0 0 0	100 100 100	10C 10C C	0 0 100	0 0 0	. U 0 0	20 20 20	0 0 0	0 0 0
<b>7</b> 0	(7	SET LEFT PACK BLEED SW TO ON	1	2.69	0	100	100	0	С	0	2C	O	Ú
<b>7</b> D	(-8)	SET LEFT PACK BLEED SW TO OFF	1	2.60	0	100	100	o	û	C	20	Ö	Q
<b>7</b> 0	15	MON LEFT PACK OFF LT ON .	1.	1.60	0	100	C	0	0	.0	50	n	O
<b>7</b> 0	10	MON LEFT PACK OFF LT OFF	1	1.00	0	100	c	C-	υ	C	20	O	G
<b>7</b> 0	11	MON LEFT WING BODY OVENT LT JN	1	1.00	C	100	Ĺ	.0	<b>0</b>	С	20	C	o
7:)	12	MON LEFT WING BODY CVRHT LT OFF		3.ec	Ü	100	C	0	0	0	20	C	ů.
<b>7</b> D	13	NON LEFT BLEED TRIP OF LT ON	1	1.40	0	100	C	C	ð	0	20	0	O
<b>7</b> 0	14	MON LEFT BLEED TRIP OFF LT OFF	į	1.00	0	100	(	O	່ ນໍ	Ü	20	G	ι
<b>7</b> 0	15		1 2	2.40	0	100 100	160 C	0 100	e o	<b>U</b> .	20 20	C C	C
<b>7</b> 9	16	SET LEFT ENG BLEED SW TO OFF	5	2.40 1.53	o o	<b>(</b>	(	0	0 0	0	0 ن	0	Ü
<b>7</b> 0	17	SET APU ENG BLEED .	2	2.40	c o	100 100	10L C	0 100	O G	· 0	20 20	Ç. Ç	0 0

	TASK CGDF		S I	DUR Time	СН	IANNEL	AC 7 1	VITY	- PERO	ENT	OF DU	R TIM	Ε
	Nū.	TASK NAME/DESCRIPTION	T	(SEC)	ΕV	ΙV	LH	ŖН	LF	RF	CBG	AUD	VBL
<b>7</b> 0	18	SET APU ENG BLEED SW TO OFF	1 2	2.40 1.53	0	106 100	10C 0	100	õ	0	20 20	0	C C
<b>7</b> D	19	SET RIGHT PACK SW TO ON	2	2.60 1.52	0	10¢ 10¢	100 C	0 100	ა ე	o o	20 20	0 0	0
<b>7</b> 0	20	SET RIGHT PACK SW TO OFF	2	2.60 2.60	0	100 100	100	6 100	O	0 0	20 20	Ö	0
70	21	MON RT PACK TRIP OFF LT ON	1	1.60	0	100	(	C	σ	G	20	o	()
<b>7</b> D	2.2	MON RT PACK TRIP OFF LT OFF	1	1.60	C	100	0	O	0	0	26	C	С
<b>7</b> D	23	MON RT WING BODY OVRHI LT ON 2	1	1.00	0	100	C	υ	0	0	20	0	C
<b>7</b> 9	2 <b>4</b>	YOU THE NOM	ì	1.60	O	100	C	ι	υ	O	20	O	ı
<b>7</b> a	25	MON RT BLEED TRIP CFF LT ON	1	1.00	Ü	100	C	၁	C	C	20	c	Ĺ
70	76	MON RT BLEED TRIP OFF LT OFF	1	1.60	0	100	С	0	0	0	20	o	Ü
<b>7</b> 0	27	SET RT BLEED SW TO ON	1 2	2.60 1.53	0 C	100 100	100	C 100	ი ა	0	20 20	ů C	i. G
<b>7</b> D	28	SET PT BLEED SW TO OFF	1	2.60	0	106	100	Ù	Ü	Ú	20	c	Ů
<b>7</b> 0	39	ACTUATE FACK/BLEED/ DUCT EVPHT TRIP RESET SW	1	1.68	C	100	100	G	C	0	20	o	O
<b>7</b> 0	3 <b>c</b>	SET ISCLATION VALVE	1	1.65	Ü	100	100	o	O	Ü	20	0	6
		SW TO GPEN	2 3	1.77	Ü	100 100	100 (	100	O i	0	20 20	0	(,
<b>7</b> 0	3)	SET ISCLATION VALVE SW TO CLOSED	1 2 3	1.77 1.85 1.53	0 0	100 100 100	100 100 0	ر ر 100	0 0 0	0	20 20 20	ύ 0 0	( 0 t,
70	2.2	SET ISULATION VALVE	-		_				-	_		_	•
70	3.7	SET ISCLATION VALVE	1 2	1.77	0	100 100	100	Ç	G G	0	20 20	0	0
			3	1.53	č	160	(	100	Ö	Ö	20	ō	Č
<b>7</b> ð	33	MON DUAL BLEED LT ON	1	• 2 ä	ē	100	(	· ·	၁	Ú	20	C-	C
<b>7</b> 0	3 4	MON DUAL BLEED LT Gef	1	• 2ê	0	100	C	ı	Ü	U	20	o	U

	TASK		S	DUR Time	СН	ANNEL	ACTI	VITY -	PERC	ENT	OF DU	R TIM	Ε.
٠	NO.	TASK NAME/DESCRIPTION	Ť	(SEC)	EV	IV	LH	RH ,	LF	RF	COG	AUD	VBL
70	35	MON LEFT RAM DOOR FULL OPEN LT ON	. 1	. 28	0	100	C -	.0	<b>0</b>	0	20	0	Ú
<b>7</b> D	3 <i>f</i>	MON LEFT RAM DOOR FULL OPEN LT OFF	1	.28	0	106	C	0	0	0	20	.0	G
<b>7</b> D	37	MON F GUIFLOW CLOSED LT ON	1	• 27	0	100	0	· <b>0</b> .	0	. <b>C</b>	20	o	Ģ
<b>7</b> 0	38	MON F OUTFLOW CLOSED LT OFF	1	. •27	U	100	C	C	0 .	0	20	0	C
<b>7</b> D	36	MUN RT RAM DUOR FULL OPEN LT ON /	. 1	• 28		100	C	C	0	0	20	0	(,
<b>7</b> D	40			.28	0	100	С	. , <b>o</b>	0	0	20	O	t.
70	41	SET AIR TEMP SOURCE SEL SW TC SUPPLY OUCT		3.21 3.21		10C 100	100	190 0	0	Ö	20 20	.0 .0	0
<b>7</b> D	. 42	SET AIR TEMP SOURCE SEL SW TO PASS CABIN			0	100	100	U	U	0	20	o	C
<b>7</b> 0	43	MEN TEMP INDIC	2	2.69 2.72	0	100 100	c C	() ()	Ç O	0	20 20	0	0
70	44	MON CONT CABIN AIR MIX VALVE INDIC	1 2		C	100 160	c	o o	0 Ů	0	20 20	0	0 0
<b>7</b> D	45	MON PASS CABIN AIR MIX VALVE INDIC	1 2 3	2.05 2.02 2.14	0 0	106 106 106	t C	ن د د	0 C.	0	20 20 20	0 0	υ 0 ι
<b>7</b> 0	4+	MON CONT CAB DUCT	1	• 97 • 94	0 . ა	106 166	Ç	(· (	0	o,	5¢ 50	0	Ġ
<b>7</b> D	47	MCN CONT CAB DUCT UVHT LT OFF	2	• 97 • 94	ů ů	10t 10t	(·	r E	Q.	ن ن	20 20	0	G
<b>7</b> 0	4.9	TOUD BAS SEAR NOM NE TI THVO	1	• 94	С	100	C	C	0	0	50	0	U
<b>7</b> 0	49	MON PASS CAB DUCT UVHT LT CFF	1	• 94	O	106	C	C	0	0	20	С	C
<b>7</b> 0	5r	SET CUMT CABIN TEMP SEL SW TC AUTO AND ADJUST TEMP	i 2 3		0 - 0 0	16C 10C 10C	100 100 0	C 100	ů Ú C	0 0 0	20 20	0	0 0 0
<b>7</b> D	51	SET CONTICABIN TEMP	1 2	3.23 2.12	0	100 100	100 100	0	0	û O	50 50	C C	6 0

	TASK CUDE		S	DUR Time	CH	IANNEL	AC T I	VITY -	- PER	ENT	OF DU	R TIM	E
	NG.	TASK NAME/DESCRIPTION	T	(SEC)	٤V	IV	LH	RH	LF	RF.	.C DG	AUD	VBL
70	52	SET CONT CABIN TEMP SEL SW TO COOL	1 2	3.23 2.12	0	10C 10G	100 100	i C	. <b>0</b> 0	0	20	0	<b>0</b>
<b>7</b> D	53	SET CONT CABIN TEMP SEL SW TO WARM	2	3.23 2.12	0	100 100	100 100	G O	· 0	0	20 20	0	0
70	54	SET PASS CABIN TEMP SEL SW TO AUTO AND ADJUST TEMP	1 2 3	2.12 3.23 2.12	0 0 0	100 100 100	10C 10C C	6 0 106	0 0	0 0 0	20 20 20	0	0 0
חל	55	SET PASS CABIN TEMP SEL SW TO GFF	2	3.23 2.12	0	10¢ 10¢	100 100	C G	0	0	2C 2C	0	r.
<b>7</b> D	56	SET PASS CABIN TEMP SEL SW TG COOL	1	3.23 2.12	O Ú	10C 10C	100 100	о 0	o o	0	2C	·o U	o o
70	÷ 7	SET PASS CABIN TEMP SEL SW TC WARM	1 2	3.23 2.12	0 C	100 100	100 100	Ç	0 0	0	50 50	0	. 0 0
70	č b	MON MASTER CAUTIÚN ANNAA GNED RIA GNA UN STI	1 2	70	0	10C 100	100 100	<b>(</b> )	0 0	0	50 50	Ć O	(i
<b>7</b> 0	ř. S	ACTUATE FASTER CAUT SESET SW	1	2.14	0	100	100	O	o	0	20	c	O
70	t:0	NON AIR COND ANNUN LT ON	1	. 54	0	100	C	Ç	0	0	20	ა	U
הל	61	MEN AIR COND ANNUN LT OFF	1	• 54	Ö	100	<b>C</b>	C	0	O	20	o	(;
711	67	ACTUATE ANNUN PNL RECALL SW	1	2.14	э	100	100	C	o	0	20	0	(·
70	ć3	CHECK THAT ISOLATION VALVE SW IS SET TO AUTO	1	1.35	C	100	(	ι	Ü	C	20	G	c
70	£ 4	CHECK THAT ENG NG.1 BLEED SW IS SET TO ON	1	1.31	0	100	C	C	0	0	20	0	0
<b>7</b> 9	<i>t</i> !	CHECK THAT ENG NG.2 BLEED SW IS SET 10 ON	1	.77	O	100	Ċ	L	Ü	၁	20	c	O
מָל	ct	CHECK THAT APU BLEED Sw IS SET TO ON	1	•77	C	100	(	Ċ	9	G	20	0	O
75	£7	MON LEFT PACK SW SET TO DN	1	1.35	.0	100	(	C	Ü	0	20	Ü	c
70	68	MON RT PACK SW SET TO DEF	1	.77	ú	106	C	0	υ	С	20	0	C

	TASK CDDE		S	DUR TIME	СН	ANNEL	ACTIV	ITY -	PER	CENT	OF DU	R TIM	E
	ND.	TASK NAME/DESCRIPTION	Ť		ΕV	ÍV	LH	-RH,	LF	RF	COG	AUD	VBL
<b>7</b> 0	6.5	MON PASS CAB TEMP CONT SETTING	1	2.67	0	100	0	. , <b>G</b>	0	0.	20	o	0
<b>7</b> 0	7(	MON CONT CAB TEMP	1	2.62	0	100	C	Ú	0	,. <b>0</b>	20	· c	O

	TASK CODE		S I	DUR Time	СН	IANNEL	ACTI	VITY .	- PERO	CENT	OF DU	R TIM	Ε
	ΝГ.	TASK NAME/DESCRIPTION	T	(SEC)	ΕV	IV	LH	RH	LF	RF	COG	AUD	VBL
7£	61	MON CABIN ALT INDIC	1	1.27	0	106	C	C	O	0	. 20	0	c
<b>7</b> E	0?	MON CABIN RATE OF	1	2.41	0	100	Ç	0	0	0	20	0	o
		CLIMB INDIC	2 3	2.65 2.47	0	100 100	Ç	Ü	0	0	20 20	Ċ	0
<b>7</b> ť	( 3	MON ALTITUDE WARNING HORN	1	2.41	0	100	0	0	O	0	20	0	G
<b>7</b> 5	04	ACTUATÉ ALT HORN CUTOUT SW	1 2	2.28 2.42	0 0	100 100	100 0	0 100	O U	0	20 20	O U	Ċ O
75	6.5	SET FLT ALT CONT	1	2.50	0	100	ι	100	O	c	20	0	C
<b>7</b> 8	5. E	MON FLT ALT COUNTER	1	1.17	O	100	C	C	0	0	20	<b>C</b> :	G
<b>7</b> F	17	SET LAND ALT CONT	1 2	2.10	0 ن	100 100	100 6	0 100	ი ა	0	20 20	e o	C O
<b>7</b> ć	18	MON LAND ALT COUNTER	1	1.17	0	10c	0	C	6	υ	20	Ü	c
<b>7</b> E	(9	SET CABIN ALT CONT	1	2.79	ō	100	190	o	0	0	20	0	0
			2	2.79	0	100	C	100	0	Ü	. 26	C	O
<b>7</b> °.	10	MON CABIN ALT CNTR	1 2	1.17 .88	C	10C 10C	C C	C O	o o	0	20 20	o o	(·
<b>7</b> =	11	ADJUST CABIN RATE-OF CLIMB CONT	2	2.13 2.13	0	100 100	10C G	C 100	o o	0	20 20	0 0	6
70	12	MON OUTFLOW VALVE	1 2	2.34	0	100 100	(	0 C	ა ი	0	20 20	0	C C
		TNOTE	3	2.10 2.03	o	100	í	Ç	c	0	20	Ö	0
7 E	13	SET GUTFLOW VALVE SW TO CLESE	1	2.21	0	100	160	Ĺ	ð	O	50	o	Ú
<b>7</b> f.	) 4	SÉT DUTFLOW VALVE SW TO DPÉN	1	2.21	0	106	100	. 0	0	U	20	0	c
7÷	3.5	SET FLIVERD SW TO	1	2 • 69	0	106	100	G O	o o	0	20 20	Ç	Ó
		FLT	2	2 • 86 3 • C 6	0	10t 10t	100	0 100	Ö	o o	2C	0	Ç. O
<b>7</b> £	16	SET FLT/CRD SW TO GRD	l	2.69	o G	100 100	100	ر 100	0 0	G	20 20	0	O E
		GRU	2	2.69	Ģ	100	100	100	3	Û	20	0	Ü
			4	3.00	ő	100	Ĺ	100	Ü	Ö	20	Ċ	C:
7 <i>÷</i>	17	SET PRESS MODE SEL SW TO CHECK	1	2.£5	o	100	100	L	O	0	20	c	(:

	TASK		S	DUR TIME	•			- YTIV					
	NO.	TASK NAME/DESCRIPTION	T	(SEC)	ΕV	IV	· FH	RH	LF	RF	CDG	AUD	VBL
<b>7</b> E	18	SET PRESS MODE SEL SW TO AUTO	2	2.65 2.63	0	106 106	10C C	0 100	0 ·	0	20 26	0	O (
<b>7</b> 6	19	SET PRESS MODE SEL SW TO STOBY	1	. 2.65	0	100	100	0	0	0	20	o	0
<b>7</b> E	20	SET PRESS MODE SEL SW TO MAN-AC	1	2.65	0	100	100	G	Ü	. 0	20	C	c
<b>7</b> E	21	SET PRESS MODE SEL SW TO MAN-OC	1	2.65	С	100	100	. 0	O	G ·	20	O	c
<b>7</b> E	22	MON AUTO FAIL LT ON	1	•97	٥	106	C	0	0	0	20	O	o
75	23	MON AUTO FAIL LT OFF	1	.97	0	100	C	.0	. 0	0	20	0	0
<b>7</b> r	24	MGN OFF SCHED DESCENT LT CN	1	1.33	0	100	C	<b>U</b>	C	0	20	Ç	C
<b>7</b> E	25	MON OFF SCHED DESCENT LT OFF	1	1.33	o	100	C.	0	. 0	0	20	0	C
<b>7</b> E	2 €	MON STOBY LT ON	1 2	.£6	0	100 160	Ç	o c	o G	0 0	20 20	C O	i U
75	27	MON STORY LT DEF	1	.60	o	100	C	o	ø.	C	20	ι	r.
		•	2	• 60	0	100	C	C	0	0	20	0	0
7 <i>E</i>	3.6	MEN MANUAL LT ON	1	.65	0	100	ι	Ü	U	0	20	0	ι
76	25	MON MANUAL LT OFF	1	.65	C	100	C	O	9	O	20	c	€.
7Ē	3(	MEN MASTER CAUTION	1	. 70	ن	100	C.	c	0	C	20	0	0
		AND AIR COND ANNUN LTS ON	2	. 54	0	100	C	Ü	၁	0	20	C	C
78	31	PRESS MASTER CAUTION RESET SW	ì,	2.14	G	100	100	0	0	0	20	0	U
7 ċ	32	MUN AIR COND ANNUN LT GN	1	•54	<b>.</b> C	100	C	G	. 0	0	20	0	o
7 ĉ	33	MCN AIP COND ANNUN LT 9FF	1	. 54	G	106	c	0	0	0	26	U	U
<b>7</b> °	34	FFESS ANNIN PNL PESET Sh	1	2.14	0	100	100	o	Ð	0	20	ι	c
76	35	MCN FLIZERD SW SET TO FLIGHT	1	. 54	0	100	c	C	С	0	20	0	¢
<b>7</b> E	36	MON FLT/GRD SW SET TO GROUND	1	.54	G	100	Ĺ	0	o	0	20	¢	o

	TASE		S	DUR TIME	C+	IANNEL	ACTI	VITY	- PER	CENT	OF DU	IR TIM	E
	MD.	TASK NAME/DESCRIPTION	Ť	(SEC)	ĖΛ	ΙV	LH	RH	LF	RF	COG	AUD	VBL
<b>7</b> F	-01	SET ENG VIB PICKUP SW TO TURB	1	1.91	C	100	100	0	,0	0	20	C	(;
<b>7</b> F	C 2	SET ENG VIB PICKUP SW TO INLET	1	1.91	0	100	100	0	0	0	20	0	()
7F	(3	PRESS ENG VIB TEST Sw	1 2 3	1.44 2.10 5.48	0 0 0	100 100 100	100 100 0	0 0 100	0	0	20 20 20	0 0 0	0 0
<b>7</b> F	04	PRESS CIL QTY TEST Sw	1 2 3 4	1.36 2.02 1.36 4.25	0 0	100 100 100	100 100 C	0 10( 100	0 0 0	0 0 0	20 20 20 20	0 0 0	0 0 0 0
<b>7</b> F	1 5	MON NO 1 ENG LO CIL PRESS LT ON	1	. 83	0	100	C	G	G	0	20	¢	0
<b>7</b> F	l, e	MON NO 1 ENG LU DIL PRESS LT OFF	ì	.83	0	100	C	ن	o	· C ·	20	0	0
7F	67	MON NO 1 ENG OIL FILTER BYPASS LT ON	1	.83	0	100	c	C.	Ü	C	<b>2C</b>	C	C
<b>7</b> F	69	MON NO 1 ENG DIL FILTER BYPASS LT OFF	1	.83	С	100	0	Û	Ü	e	20	3	Ċ
7 F	19	MON NO 1 ENG OIL PRESS INDIC	1 2 3	2.05 2.25 .44	0 0 0	10( 10( 5(	C (	c 0	0 6 0	0 0 0	20 20 20	0 0	6 0 0
7 F	3 (	MCN NO 1 ENG DIL TEMP INDIC	1 2 3 4	2.65 2.25 2.28 .44	0 0 0 0	100 100 100 50	( ( (	C 0 0 0	0 0 0	0 0 0	20 20 20 20	0 0 0	( () () ()
7 F	13	MON NO 1 ENC DIL QTY INDIC	1 2 3	2.(5 2.25 .44	0 0 0	100 100 50	(. (.	ن 0 ن	0 0	0 0	20 20 20	0 0 0	() () ()
7F	17	MOM NO 1 ENC VIBEATION AMPLITUDE INDIC	1 2 3 4	2.65 2.25 2.62 .44	0 0 0	100 100 100 50	(	ι : ι	С Ü С	000	20 20 20 20	6 0 0	0 0 0
<b>7</b> F	. 13	MON NO 2 ENG LU OIL PRESS ANNUN LT ON	1	.83	Ú	100	Ġ	Ü	Ú	o	20	0	¢
<b>7</b> F	24	MON NO 2 ENG LO GIL PRESS ANNUN LT OFF	1	. 83	С	100	С	0	O	G	20	c	(·

	TASK		S	DUR TIME	СН	ANNEL	ACTI	VITY -	PER	CENT	OF DU	R TIM	£
	NO.	TASK NAME/DESCRIPTION	Ť	(SEC)	E۷	t v	LH	RH	LF	RF,	COG	AUD	VBL
<b>7</b> F	15	MON NO 2 ENG OIL FILTER BYPASS ANNUN LT ON	1	•83	0	100	ŀ	C	0		20	C	0
<b>7</b> F	16	FILTER BYPASS ANNUN	1	. 83	0	100	C	O	0	. 0	20	0	O
<b>7</b> F	17	MON NO 2 ENG OIL PRESS INDIC	1 2 3		0 0	100 100 56	() () ()	C 0 U	0	0	20 20 20	0 0 0	(° (° (°
7F	18	MON NO 2 ENG OIL TEMP INDIC		2.05 2.25 2.02 .44	0 0 0 0	100 100 100 50	0 6 0	() () ()	0 0 0	0 0	20 20 20 20	0 0 0	0 0 0
7 <sup>¢</sup>	15	MEN NO 2 ENG DIL OTY INDIC	1 2 3 4	2.05 2.25 2.08 .44	0 0 0	100 100 100 50	( ( (	C O C U	0 0 0 0	0 0	20 20 26 20	0 0 0	(° 0 0
<b>7</b> F	21	MON NO 2 ENG VIBE Amplitude indic	1 2 3 4	2.(5 2.25 2.02 .44	0 0	100 100 100 50	ն Ծ Ն	0 C 0	0 0	0 0	20 20 20 20	0 0 0	0 0 0 0
<b>7</b> F	21	MON NO 1 ENG N1 1ND	1 2 3	2.02 2.52 .44	000	100 100 50	( ( (	0 ( 0	Ü Ú O	0 0	20 20 20	0 0 0	(. (
<b>7</b> F	2.2	MON IN DME S CM MON.	1 2 3	2.02 2.52 .44	0 0	100 100 50	0 C G	0 C G	0 0 0	0 0 0	20 20 20	0 0 0	0 0 0
7F	23	MON NO 1 ENG N2 IND	1 2 3 4	2.02 2.52 10.60 .44	0 0 0	100 100 100 50	() () ()	() () ()	ပ် ပ ဝ	0 0 0	20 20 20 20	ა ა ი	() () ()
7F	24	MON NO 2 ENG N2 IND	1 2 3 4	2.02 2.52 10.00	0 0 0 0	100 100 100 50	( (	( () ()	0 0 0	0 0 0	20 20 20 20	0 0 0	0 0 0
<b>7</b> <sup>c</sup>	25	MON ENG NJ 1 EPR IND	1 2 3 4	2.24 2.02 2.53	0 0 0	100 100 100 50	( () ()	U 0 0	0 0 0	0 0 0	20 20 20 20	0 0 0	(· 0 (· 0
<b>7</b> F	26	SET ENG NO 1 EPR BUG	; 2 3 4	5.00 5.00 2.32 2.32	0 0 0	20 20 20 20	100 C C 100	100 100 C	0 0 0	0 0 0	20 20 20 20	0 0 0 0	(, () 0 ()

	TASK		S	DUR TIME	CH	IANNEL	ACT I	VITY -	- PER	CENT	OF DU	R TIM	E
	N (+	TASK NAME/DESCRIPTION	T	(SEC)	ΕV	IV	LH	·RH	LF -	RF	COG	AUD	VBL
7F	27	MONITOR ENG NO 1	1	2.00	0	100	0	0	0	0	20	· 0	o
		EPR BUG	2	• 76	0	100	C	0	0	0	C	0	0
7 F	28	SET ENG NO 2 EPR BUG	1	5.00	0	20	106	0	o	0	20	0	C
			2	5.60	C	20	C	100	0	0	20	0	0
			3	2.32	0	20	0	100	0	0	20	e	O
			4	2.32	ō	20	100	0	0	ō	20	0	0
7F	29	MONITOR ENG NO 2	1	2.00	0	10¢	C	G	o	. 0	20	O	Ú
		EPR BUG	2	• 76	0	100	c	C .	0	0	20	0	0
7F	31	MUN ENG NO 2 EPR IND	1	2.24	С	106	c	Ü	o	О	20	0	(·
			2	2.02	0	106	C	0	. 0	0	20	0	O
			3	. 44	0	56	C	L	0	C	20	0	0
7F	31	MON ENG FO 1 EXH GAS	1	2.02	0	10C	ć	G	o	o	20	Ü	ι
		TEMP IND	2	. 44	0	50	C	C	O	C	50	0	C
7F	32	MUN ENG NO 2 EXH GAS	1	2.(2	o	106	C	Ü	o.	o	20	O	Ĺ
		TEMP IND	2	.44	0	50	C	C	O	C	50	0	C
7F	33	MON ENG NO 1 FUEL	1	2.62	0	100	0	0	0	0	20	c	o
		FLOW INDIC	2	. 44	С	56	€.	C	C	0	20	e	0
7 F	34	MON ENG NO 2 FUEL	1	2.02	0	100	ι	C	ŋ	o	20	G	c
		FLOW INDIC	2	• 44	C	56	C	Ü	٥	U	50	0	0

	TASK		S	DUR Time	СН	ANNEL	ACTI	VITY -	- PERC	ENT	OF DU	R TIM	E
	NO.	TASK NAME/DESCRIPTION	Ť	(SEC)	E V	IV	LH	RH	LF	RF	COG	AUD	VBL
<b>7</b> G	C1	SET NO SMOKING LT SW TO ON	2	1.80 2.71	0	106 100	0 0	100 100	0	0	20 20	0	c C
<b>7</b> G	C.S	SET NO SMOKING LT SW TO AUTO	2	1.80 2.71	0	10 <i>0</i> 100	C	100 100	0	0	20 20	0	O O
<b>7</b> G	ι3	SET NO SMOKING LT SW TO OFF	2	1.80	0	10C 10C	c c	100 100	0	0	20 20	0	0
<b>7</b> 6	04	SET FASTEN SEAT BELT LT SW TG ON	1	1.71	0	106	G	106	٥	0	20	0	c
<b>7</b> 6	r.s	SET FASTEN SEAT BELT LT SW TC AUTO	1	1.71	0	100	C	100	o	o	26	0	G
<b>7</b> G	56	SET FASTEN SEAT BELT LT SW TO OFF	1	1.71 1.71	0	106 106	0 10(	100 6	o S	0	20 20	0	0
<b>7</b> G	(:7	ADJUST PANEL LTS	1	2.17	C	100	C	100	o	C	20	C	e
		BRIGHTNESS CUNTROL	2 3	2.10 2.73	0	106 106	C	106 106	0	0	20 20	C O	Ö
<b>7</b> G	ſĊĘ	ADJUST PACKGROUND LTS BRIGHTNESS CONT	1	2.08	0	106	c	106	O	Ċ	. 20	0	c
<b>7</b> G	ρĢ	ADJUST CIRCUIT BRKR	1	3.31	o	10¢	Ĺ	100	U	0	20	0	(;
		LTS BRIGHTNESS CONT	2	1.50	U	10¢	Ç.	100	Ö	O	20	0	O
<b>7</b> G	10	SET DOME LT SW TO DIM	1	3.43	0	100	(	106	O	Ú	20	0	C
75	11	SET DOME LT SW TO DEF	1	2 • 43	0	100	(	100	0	0	20	<b>0</b>	C
<b>7</b> G	12	SET DOME LT SW TO BRIGHT	1	3.43	0	106	Ċ	100	0	0	20	0	O
<b>7</b> G	13	ADJUST FLOOD LT BP1GH1NESS CONT	1	2.09	0	100	C	100	0	0	2ů	U	U
76	14	ADJUST CENTRUL STAND PANEL LTS BRIGHTNESS CONT	1	3.13	0	101	ι	100	;)	U	20	ů	<b>(</b> :
<b>7</b> G	16	SET LANDING LTS SW TO OFF	7	2.20 1.50	0	166 106	C 100	100 0	ن 0	o o	20 20	ç O	C G
<b>7</b> 6	17	SET LANDING LIGHTS	î	2.20	c	100	Ĺ	100	Ú	٥	20	ŭ	(ı
		Sw TO ON	2	2.20	0	100	100	0	0 .	0	26	0	C
<b>7</b> 6	18	SET RUNKAY TURNOFF LTS SW TE ON	1	2.25	o	100	c	100	G	0	20	0	Ċ

	TASK CODE		S I	DUR Time	СН	ANNEL	ACTI	VITY -	PER	CENT	OF DU	R TIM	E
	N:0.	TASK NAME/DESCRIPTION	Ŧ	(SEC)	٤V	IV	LH	RH	LF	RF	COG	AUD	VBL
<b>7</b> G	19	SET RUNWAY TURNOFF LTS SW TO DFF	1	2.25	0	100	C	100	0 -	٠ ٥	20	0	O
<b>7</b> G	21	SET TAXI LTS SW TO ON	1	2.42	G	160	c	100	. <b>U</b>	O	20	O	(:
<b>7</b> 6	?1	SET TAXI LTS SW TO OFF	1	2.42	0	100	C	100	0	0	20	0	C
<b>7</b> G	22	SET POSITION LTS SW TO ON BAT	ì	2.42	0	100	C	100	0	Ù	26	0	C
<b>7</b> G	2.3	SET POSITION LTS SW TO OFF	1	2.42	C	106	C	100	0	U	20	0	¢
76	24	SET PUSITION LTS-SW TO ON	1 2	2.42	ů O	10C 10C	(	100 100	0	0	50 50	0	0
<b>7</b> 6	25	SET ANTI-COLLISION ETS SW TO OFF	1 2	2 • 4 4 2 • 4 4	0	100 100	C 100	100 C	(;	0	50 50	0	o c
<b>7</b> 6	21	SFT ANTI-COLLISION LTS SW TG OFF	1 2	2.44 2.44	0	100	C 10C	100	0 0	0	20 20	0 0	<b>C</b> 0
<b>7</b> G	27	SET WING LTS SW TO ON	1	2.47	0	100	C	100	O	Ú	20	U	<b>C</b>
<b>7</b> G	28	SET WING LTS SW TO OFF	i	2.47	o	100	c	100	ပ	0	20	O	Ç.
<b>7</b> 6	25	SET WHEFE WELL LTS SW TO CN	1	2.48	O	100	Ĺ	100	O	Ċ	20	Ú.	c
76	3(	SET WHEEL WELL LIS SW TO LEF	1	2.48	0	100	C	100	3	Ü	20	O	(·
<b>7</b> 6	3.1	SET LTS TEST SW TO TEST	2	2.35 1(.(0	0	10C 10C	C C	10t 106	o O	O Ü	20 20	U U	ů Č
<b>7</b> G	3 &	SET LTS TEST SW TO DIM	1	2.35	C	106	l	100	0	C	20	O	C-
<b>7</b> 6	33	SET LTS TEST Sw 10 OFF	1	2.35	c	100	Ŀ	100	0	Ú	26	0	U
<b>7</b> 6	34			1.90									(i
		SW TO OFF	2	1.59 1.50	ن ئ	100 100	iuC	100	o e	O C	20 20	0	C C
30	<b>.</b>	ert iner oute ive										^	
<b>7</b> 6	3 £	SET EMER EXIT LTS SW TO ARMED	5	1.90 1.99	Ü	100	(	100 100	) )	o o	20 20	Q Q	0
<b>7</b> ü	3 <i>f</i>	SET EMER EXIT LTS	ì	1.90	ø	106	c	100	o	C	20	C	Ü
		SW IS IN	2	1.99	Ü	100	C	100	0	Ü	20	C	(

	TASK		S	DUR TIME	СН	ANNEL	ACTIV	ITY -	PER	CENT	OF DU	R TIM	Ε
	NG.	TASK NAME/DESCRIPTION	Ť	(SEC)	EV.	IV	LH	RH	ĻF	RF	ĊOG '	AUD	VBL
<b>7</b> G	37	MON EMER EXIT LTS NOT ARMED LT ON	1	•54	0	100	C	0	0	. 0	20	C	0
<b>7</b> 6	3£	MON EMER EXIT LTS NOT ARMED LT OFF	1	.54	G	106	C	C	0	C	20	0	Û
<b>7</b> G	4(	MON MASTER CAUTION AND DVHD ANNUN LTS ON	2	• 20 • 54	0	100 100	100 100	C O	0	0	20 20	0	0 0
<b>7</b> G	41	PRESS MASTER CAUT RESET SW	1	2.14	0	106	100	c	ů	U	20	Ü	C
<b>7</b> G	42	MON OVHC ANNUN LT ON	1	.54	0	100	C	C	ΰ	o	2ů	0	C
<b>7</b> G	73	MGN OVHD ANNUN LT OFF	1	• 54	0	100	c	Ò	0	0	20	ů	ű
<b>7</b> G	44	PRESS ANNUN PNL- RECALL SW	1	2.14	C	100	160	C	<b>0</b> .	Ú	2C,	C	<b>(</b> .
<b>7</b> G	4 t	MON INSTRUMENT LTS ILLUMINATED BY LT TEST SW	1	10.00	C	100	٠ (	C	U ,	C	20	0	(ı
<b>7</b> G	47	MON INST LTS DIMMED	1	10.00	0	100	c	C	C	0	20	0	<b>(</b> :
<b>7</b> G	48	MON SEAT BELT AND NO SMOKING LTS SW≦S SET TO AUTC	1	1.27	0	100	¢	0	G	Ú	20	Ü	G
<b>7</b> G	49	MON EMER EXIT LT SW SET TO CFF	1	1.28	G	100	C	O	Ú	0	2C	C	C
<b>7</b> 6	50	NON SEAT BELT LT SW SET TO OFF	ì	1.28	C	106	C	O	0	C	20	0	C

	TASK		S I	DUR TIME	CH	ANNEL	ACTI	- YT1V	PER	CENT	OF DU	R TIM	E
	NO.	TASK NAME/DESCRIPTION	Ť	(SEC)	ΕV	·IV	LH	RH	LF	RF	COG	AUD	VBL
<b>7</b> H	(1	MON FLT CREW DXY Press indic	1	2.81	C	100	(	U	0	0	20	0	C
<b>7</b> H	0.2	MUN PASS DXY PRESS INDIC	1	2.63	0	10¢	C	, <b>C</b>	O	<b>C</b>	20	ΰ	v
<b>7</b> H	03	MON PASS DXY ON LT ON	1 .	1.59	0	106	C	O	O	O	20	o	c
<b>7</b> H	£4	MGN PASS DXY ON LT	1	1.59	O	100	C	0	0	0	20	. <b>o</b>	¢.
7년	(•5	SET PASS DXY SW TO DN	1	3.29	C	106	C	100	0	0	20	0	0
7H	16	SET PASS DXY SW TO NORMAL	1	3.29	υ	100	<b>c</b>	100	ບົ	0	20	o	C
<b>7</b> H	<b>(:7</b>	ACTUATE CREW DXY SHUTUFF VALVE	ì	1.40	O	100	C	100	. 0	0	SC.	ð	t
7년	3.0	SET DXY EMERGENCY LEVER TO DN	1	1.30	0	100	C	100	ű	Ø	. 20	0	(
7⊬	<i>;</i> ς	SET DAY EMERGENCY LEVER TO DEF	1	1.30	Ç	100	e	100	0	Ü	20	0	('
711	11	SET DXY DILUTER LEVER 10 NORMAL	1	1.40	O	100	c	100	0	0	·50	0	C.
7⊣	11	SET DAY DILUTER LEVER TO 100 PCT	1	1,40	С	106	C	100	J	0	20	v	<b>C</b>
7년 .	12	Man GXY FLOW INDIC	1	1.50	Ć	100	C	C	ΰ	o	20	Ú	U
7日	3.2	SET GXY SUPPLY SW TO UN	1	1,46	0	106	C	100	G	C	20	C:	C
<b>7</b> H	14	SET CXY SUPPLY SW TU OFF	1	1.46	C	100	(	166	u	ů	20	O	t,
<b>7</b> 4	15	DPEN EMERGENCY DXY MAN ACTUATION ACCESS DEGR	1	1.40	C	100	(	100	Ĵ	c	20	Ü	C
<b>7</b> 4	16	PULL ENERGENCY GXY MAN ACTUATION HANDLE	i	1.46	o	100	C	100	v	Ċ	20	Ú	C
7H	17	PUT ON CHY MASK	1	4.60	ΰ	100	100	106	ن	G	20	C	Ó
7년	15	TAKE UFF BXY MASK AND STOW	1	4.00	ú	100	100	100	ò	9	20	0	C

	LASK	)ŧ	S	DUR Time	СН	ANNEL	ACTI	VITY -	PER	CENT	OF DU	R TIM	E
	ND.	TASK NAME/DESCRIPTION	Ť	(SEC)	EV	IV	LH	RH	LF	RF	COG	AUD	VBL
7H	19	CHECK PORTABLE DXY BUTTLE PRESS AND MASK	1	5.00	0	106	100	100	<b>o</b>	0	20	0	0
<b>7</b> H	20	SET CREW DXY VALVE TO OPEN	1	2.00	o	100	Ċ	100	٥	¢	20	o	C
<b>7</b> H	21	MCN PASS DXY UTY DIDNI	1	2.00	0	100	c	0	0	0	20	ú	0
7∺	22	INHALE AND CHECK THAT NC AIR UR DXY IS SUPPLIED	1	4.00	0	106	C	C	0	Ú	20	Ü	r
<b>7</b> H	23	INHALE AND CHECK That Cuckpit air is Supplied	1	4. ÜG	0	106	0	0	0	0	20	O	U
74	24	INHALE AND CHECK THAT UXY IS SUPPLIED	1	4.00	C	10C	100	C C	ů	G	20	Ü	(;
711	25	INHALE AND CHECK THAT CONSTANT DXY PRESSURE SUPPLIED	1	4.60	0	100	100	0	0	0	20	0	C

	TASE.		S	DUR Time	C۲	IANNEL	ACTI	IVITY	- PERO	CENT	OF DU	R TIM	E
	<b>№</b> 0•	TASK NAME/DESCRIPTION	T	(SEC)	ΕV	IV	LH	RH	LF	RF	C OG	AUD -	ΫĠĹ
7 J	(1	SET WING ANTI-ICE SW TU GRD TEST	2	1.79 2.76	0	100 100	100 100	C	<b>c</b> 0	0	20 20	0 0	0
<b>7</b> J	1:2	SET WING ANTI-ICE SW TO ON	1 2	1.79 2.76	0 C	100 100	100 100	C	ů ů	c 0	20 20	0	0
<b>7</b> J	03	SLT WING ANTI-ICE SW TG OFF	1 2 3	1.79 2.76 1.79	C O	100 100 100	100 130 0	C C 100	ა ა	0 0 0	20 20 20	0	() () ()
7 J	14	MAN WING ANTI-ICE L VALVE OPEN LT ON	1 2	•56 •53	o C	106 106	C	<b>C</b>	<b>c</b> 0	O O	20 20	0	0 0
7 J	ŗħ,	MÜN WING ANTI-ICE L VALVE ÖPEN LT OFF	1 2	•56 •53	0	100 166	ί	Ü	ŋ ŭ	0	26 20	0 0	0
7.I ,	(++	MON WING ANTI-ICE R VALVE OPEN LT ON	2	•56 •53	C O	100 100	C C	Ü	0	C C	20 20	0	r n
7J	17	MON WING ANTI-ICE R VALVE OPEN LT DEF	1 2	•50 •53	0 0	100 100	0 6	0	Ů Ů	O O	20 20	o O	G G
7 J	ιŧ	SET ENG NO.I ANTI- ICE SW TE ON	1 2 3	1.49 2.76 i.68	o o c	100 100 100	100 100 100	0 :	. O	0 0	20 20 20	0 0 0	G G
<b>7</b> J	76	SET ENG MO-1 ANTI- ICE SWITE CEF	1 2 3 4	1.50 2.76 1.66 1.50	0 0 0	100 100 100 100	100 100 100 0	13t 0 (	0 0 0	0 0 0	20 20 20 20	0 0 0	() () ()
7 J	16	SET FNG FD.2 ANTI- ICE SW TE ON	۱ ۶ ٤	1.50 2.76 2.01	0 0 0	100 100 100	100 100 100	0 0 U	Ö Ö	0 0 0	20 20 20	0 0 0	( (, (,
73	11	SET ENG NO.2 ANTI- ICE SW TE UFF	1 2 3 4	1.50 2.76 2.01 1.50	0 0 0	106 100 100 100	100 106 100 C	C C 100	0 0 0	0 0 0	20 20 20 20	0 0	6 0 0 0
7 J	17	MON ENG NO.1 L VALVE (PEN LT ON	1	.54	Ü	100	Ĺ	Ĺ	ប	Ü	20	c	· ·
7 )	13	MON ENG 13.1 L VALVE CREN LT OFF	1	•54	o	106	€.	ů.	õ	0	20	C	Û
7 J	1 4	MON ENG NO.1 R VALVE OPEN LT ON	1	•54	Ĺ	100	C	o	0	0	20	o	(;
<b>7</b> J	15	MON ENG NO.1 R VALVE OPEN LT GEF	1	•54	C	16ι	c	Û	U	0	20	C.	ί

	TASK CODE		S	DUR TIME	СН	ANNEL	ACTI	VITY	- PERC	ENT	OF DU	R TIM	E
	NO.	TASK NAME/DESCRIPTION	T	(SEC)	٤٧	ΙV	LH	RH	LF	RF	COG	AUD	VBL
7J	16	MON ÈNG NO.1 COWL Valvè open lt on	1	. 54	0	100	С	c	0	0	20	O	0
7J	17	MON ENG NO.1 COWL Valve open LT off	1	. 54	C	100	0	c	0	0	20	. 0	0
73	16	BVJAV J S.CH DHB HDM HD TJ HBHD	1	•54	0	100	0	c	C	O	20	0	0
<b>7</b> J	19	MON ENG NO.2 L VALVE OPEN LT OFF	1	• 54	O	100	C	0	U	. 0	20	c	0
7 J	21	MCN ENG NO.2 R VALVE OPEN LT ON	1	. 54	0	100	(	c.	٥	c	20	Ü	(,
7J	21	MON ENG NO.2 R VALVE OPEN LT OFF	1	.54	c	100	C	0	0	o	20	0	O
7 J	2.8	MON ENG NJ.2 COWL Vlave open lt on	1	.54	0	100	C	C	ů	ù	20	0	c
7 J	23	MON ENG NO.2 COWL VALVE UPEN L'T OFF	1	.54	G	106	C	Ĺ	0	C	20	o	e
7J	24	SET PITOT STATIC SYS A HT SW TO GN	1 2 3	2.75 1.42 1.42	0 0 0	100 100 100	100 100 0	0 C 160	0 C 0	0 0 0	20 20 20	0 0 0	0 0 0
7 J	75	SET PITOT STATIC SYS A HT SW TO LFF	1 2 3	2.75 1.42 1.42	0 0 0	100 100 100	100 100 0	( ( 106	0 0	0 0 0	20 20 20	0 0 0	() () ()
7 J	26	SET PITOT STATIC SYS E HT SE TO GN	1 2 3	2.75 1.42 1.42	. G G	100 100 100	100 100 C	¢ 6 100	0 0 0	υ ( 0	20 20 20	С 0 0	() () ()
7 J	27	SET PITCH STATIC SYS B HT SW TO GFF	1 2 3	2.75 1.42 1.42	0 0 0	100 100 100	100 100 t	0 6 106	0 0	0 J 0	20 20 20	0 0 0	0 0 0
<b>7</b> J	? E	MON CAPT PITUT HTR LT .NN	i	1.13	c	100	C	U	O	C.	20	0	0
<b>7</b> J	29	MON CAFT PITOT HTR LT GFF	1	1.13	Ç	106	C	o	O	0	: 20	0	o
<b>7</b> J	3 C	MON CAFT STATIC 1 AUX P/S HTR LT GN	ı	1.13	o	100	C	e	Ŀ	ΰ	2 i	0	U
7.J	31	MUN CAFT STATIC 1 AUX P/S HTR LT UFF	1	1.13	С	100	C	ί	O	c	20	0	C
<b>7</b> J	32	MGN L ELEV PITOT HTK LT DN	ì	1.13	Ċ	100	C	С	0	0	20	o	(,

	TASK		S I	DUR TIME	СН	ANNEL	ACTI	VITY -	PER	CENT	af Du	R TIM	<b>E</b>
	NO.	TASK NAME/DESCRIPTION	Ť	(SEC)	ΕV	IV	LH	RH	LF	RF	COG	AUD	VBL
7 J	33	MON L ELFV PITOT HTR LT OFF	1	1.13	0	106	C	ů.	C	0	. 20	0	O
7 J	34	MON F/O PITOT HTR LT ON	1	1.14	0	100	Ci	0	0	0	20	0	G
7 J	35	MON F/L PITOT HTR LT OFF	1	1.14	0	100	O	0	0	0	20	0	ι
7 J	- 36	MON F/G STATIC 2 AUX P/S HTR LT ON	1	1.14	O	100	c	<b>o</b> .	<b>0</b>	0	20	0	C
7 J	37	MON F/O STATIC 2 AUX P/S HTR LT OFF	1	1.14	0	10C	G	Ċ	o	0	20	Ú.	Ç
7 J	28	MON R ELEV HTR LT., ON	1	1.14	C	10ι	C	o	Ċ	v	20	G	Ĺ
7.J	39	MON-R ELEV HTR LT OFF	1	1.14	(	100	C	C	0	0	20	0	U
7J	40	MON MASTER CAUTIONAN ANTI-ICE ANNUN LTS Ch	2	.70 .54	G C	10¢ 16¢	160 160	Ċ	ů	0	20 20	C Ú	t. G
7 J	41	PRESS MASTÉR CAUTION FESET SW	1	2.14	ί	100	160	û	o	C	20	o	Û
7 J	47	MON ANTI-ICE ANNUN LT ON	1	.54	Û	10(	(	Ĺ	c	Ü	20	O	Ó
7 J	43	MON ANTI-ICE ANNUN LT OFF	1	•54	0	100	C	C	ø	Ü	20	Ü	ŗ
<b>7</b> J	44	PRESS ANNUN PNL RECALL SK	ì	2.14	(·	100	100	U	0	. 0	20	Ú	Ċ
7 J	45	MUN PITOT STATIC SYS A HT SW SET TO ON	1	1.47	ċ	100	C.	O	0	0	20	C	. 0
7 J	4 Ė	MUN PITOT STATIC SYS B HT SW SET TO ON	1	.75	C	106	С	, <b>C</b>	Ü	G	26	С	Ĺ
<b>7</b> J	47	MCN FITET STATEC SYS A HT SW SET TU UFF	1	1.47	c.	100	(	ć	Ů	0	20	Ċ	U
7 J	4 =	MON PITOT STATIC SYS B HT SW SET TO UFF	1	.75	0	190	(-	ű	. 0	Ç	20	0	o
7 J	49	MON ENG 1 ANTI-ICE SW TO CFF	1	1.42	L	100	(	o	Ö	C	20	e	ŧ,
7 J	51	MUN FNG 2 ANTI-ICE SW SET TO DEF	i	,• 76	C	100	C	Ú	Ü	C	20	0	£

	TASK		S	DUR Time	СН	ANNEL	ACTI	VITY -	- PERC	ENT	OF DU	R TIM	E
	NO.	TASK NAME/DESCRIPTION	Ť	(SEC)	ΕV	IV	LH	RH	LF	RF	COG	AUD	VBL
7K	<b>C1</b>	PUSH L PAIN REPEL SW	1	2.31	0	100	C	100	0	0	20	0	o
7K	02	PUSH R RAIN REPEL SW	1	1.38	0	100	c	100	<b>o</b> .	0	20	0,	0
7K	6.3	SET WINDSHIELD WIPER SEL SW TO OFF	1	2.37	C	8 C	C	100	c	O	20	0	O
7K	C 4	SET WINDSHIELD WIPER SEL SW TO LOW	1	2.37	0	80	C	100	0	0	20	O	C
7K	<b>C</b> 5	SET WINDSHIELD WIPER SEL SW TC HIGH	1	2.37	. 0	80	0	100	0 .	0	20	0	e
7 <b>K</b>	( 6	SET WINDSHIELD WIPER SEL SW TO PARK	1	2.37	. 0	8 C	0	100	0	0	20	0	0
7K	07	SET WINDOW HEAT SWS TO ON	.1	4.22	0	100	100	C	o	0	20	O	(·
<b>7</b> K	( 6	SET WINDOW HEAT SWS TO DEF	2	4.22	С	100	100	C	O	Ü	20	o	C.
7ĸ	C 9	MON RAIN REFELLANT OTY INDIC	i	2.60	0	100	O	C	0	О	20	o	0
7K	10	CHECK WINDSHIELD WIPER SW≤S SET TO OFF	1	1.19	0	166	С	C	ა	С	20	· c	C
7K	11	MON NINCON HEAT ON LTS GPEEN		1.14	¢	100	(	G	v	0	20		0
7×	12	MON WINDOW HEAT ON LTS OFF	1	1.14	C	100	C	C.	o	O	20	o	ť
7×	13	MON WINDER CURHT LTS	1	1.81	C	100	ί	<b>C</b> .	)	0	20	o	ι
7 <u>K</u>	14	MON WINCOW OVEHT LTS	1	1.81	0	100	Ċ	0	0	0	20	0	Ċ
7×	15	ACT WINDOW OVEHT TEST SW	1	2.04	U	166	í	G	0	c	20	0	0

	TASK CODE		S	DUR Time	CH	IANNEL	ACTI	VITY -	- PER	CENT	OF DU	R TIM	E
	. NO.	TASK NAME/DESCRIPTION	Ť	(SEC)	ΕV	ΙV	LH	RH	LF .	RF	COG	AUD	VBL
7L	C 1	MUN APU EXHAUST TEMP GAGE INDIC	1	2.09	0	100	C	Ű	.0	C	20	0	O
7L	^2	MON APU AC AMPS IND	2	2.09 2.41	C	10C 10C	Ç Ü	0	0	0	20 20	0 C	0
7L	€3	MON APL LOW DIL QTY LT ON	i	. 85	Ö	100	C	0	o <sup>*</sup>	0	20	G	o
7L	04	MON APU LOW DIL QTY LT DEF	1	.65	0	100	C	0	0	G	26	.0	ΰ
7L	15	MON APU LOW DIL PRESS LT ON	1	.54	0	100	Ĺ	υ	U	c	20	ŭ	Ç.
<b>7</b> L	16	MON APT LOW CIL PRESS LT OFF	1	.54	5	100	c	0	o	. 0	20	• 0	.0
7L	67	MON APU HIGH UIL TEMP LT UN	1	.54	G	100	Ĺ	G	<b>.</b>	Ú	20	Ö	<b>(</b> .
7L	(.6	MON APO HIGH OIL TEMP LT CFF	1	.54	C	100	Ċ	c	Ú	O	2ŭ	Ú	o
7L	ſĢ	MON APU OVRSPO LT ON	1	• 54	c	106	c	O	O	<b>o</b>	20	Ú	G
7 L	11	MON APU EVRSP LT OFF	1	. 54	C	100	C	0	0	0	20	o	c
7L	11	SET APU SW TO OFF	1.	3.59	ŭ	100	(	100	Û	ن	20	0	O
			2	2.73	C	100	Ċ	160	Ú	0	20	Ü	Ü
		•	3	2.57	0	100	C	100	0	0	20	0	ι
	•		4	2.29	C	100	C	100	Ú	G	26	٥	G
7L	12	SET APL SW TO ON	1	3.59	Ú	100	С	100	Ü	С	20	o	C.
1 L	1 6	3E1 ATC 3# 10 314	2	2.73	ė	160	6	130	G	č	23	0	Ö
			3	2.57	ő	100	Č	100	ΰ	Ö	20	ő	ŭ
			4	2.29	č	100	í	100	Ö	Ö	20	ő	Ü
		A( 7 . 40. 40. TC . AT. AT							2.	_			
7 L	1.3	SET APU SW TO START-	1	3.59	C	100	C	100	3	C	20	3	6
		MOMENTARY ACTION	2	2.73	Ü	100	C	100	Ü	Ç	20	0	C
			3	2.57	C	100	(	100	0	C	20	C	l.
			4	2.29	C	100	C	100	j	0	20	0	(i
7L	14	MON MASTER CAUTION AND APU ANNUN LTS ON	1	•73	C	100	Ĺ	Ü	U	С	20	G	C
<b>7</b> L	15	PRESS MASTER CAUTION RESET SW	1	2.14	C	100	166	G	Ĵ	Û	20	ΰ	ί
7L	16	10N AFL ANNUN LT GN	i	.54	0	10C	C	o	o	Ú	20	o	Ć.

	TASK		S	DUR Time	Сн	ANNEĻ	ACTI	VITY -	PERC	ENT	OF DU	R TIM	E
	NC.	TASK NAME/DESCRIPTION	Ť	(SEC)	EV	IV	LH	RH	LF	RF	COG	AUD	·VBL
7L	17	MON APU ANNUN LT OFF	1	• 54	0	100	. 0	0.	. 0	. 0	20 -	0	0
7L	18	PRESS ANNJN RNL RECALL SW	1	2.14	0	100	100	o	0	0	20	0	C
<b>7</b> L	19	OPEN CB C6 ON P6-5 Panel	1	5.CO	0	100	<b>O</b>	100	0	0	20	0	. 0
<b>7</b> L	5 C	MON APU START SW SET TO OFF	1	. 75	0	100	C	0	. <b>Ü</b>	0	20	0	C
7L	21	SET APL START SW TO OFF	ľ	1.50	С	100	106	Ú	o	0	20	o	c

	TASK CODE		S	DUR Time	CH	IANNEL	ACT	YTIV	- PER	CENT	OF DU	R TIM	E
	NO.	TASK NAME/DESCRIPTION	7	(2FC)	ΕV	IV	LH	RH	LF.	RF	COG	AUD	ABF
7.H	¢ 1	SET ENG NO.1 START	1	3.60	0	80	0	100	. 0	0	20	0	O
		SW TC OFF	2	2.43	G	8 C	С	100	0	C	20	0	0
			3	3.54	0	80	C	100	0	0	20	Ü	C
			4	1.74	C	8 C	C	100	0	0	20	0	O
74	(2	SET ENG NO.1 START	1	3.00	0	80	c	106	0	0	20	o.	C
		SW TO GRD	Ş	2.43	C	80	C	100	0	0	20	0	C
			3	3.54	O	86	Ĺ	166	C	C	20	0	c
			4	1.74	0	80	C	100	0	0	20	C	C
74	(3	TRATE 1.CA DIA TEE	1	3.60	C	86	(·	100	O	0	20	C	C
		Sh TG FLT	2	2.43	C	8C	C	100	C	0	20	0	Ċ
			3	3.54	C	8(	C	100	Ü	0	20	0	G
			4	1.74	C.	86	C	160	0	0	20	C	Ŀ
74	ř 4	SET ENG NO.2 START	1	3.60	0	80	ί	160	o	O	20	C	0
		SW TG OFF	2	2.43	0	8 C	(	106	C	Ü	20	0	i
			3	3.54	C	80	C	100	0	0	20	0	0
			4	1.74	О	8 C	C	100	O	o	20	0	U
74	(5	SET ENG NO.2 START	1	3.60	G	86	C.	100	0	O	26	ů	Ċ
		SW TO GRO	2	2.43	O	80	C	100	0	0	20	0	o
		•	3	3.54	C	8(	C	100	O	O	2υ	Ú	Ĺ
			4	1.74	O	8(	(	100	o	U	2ن	Ü	0
7.4	( f	SET ENG DO.2 START	1	3.00	c	86	(,	100	C	6	20	C.	C
•		SW TO FLT	2	2.43	ō	80	Ċ	166	Ü	O	20	0	Ô
			3	3.54	ō	8 (	Č	106	Ü	0	20	0	0
			4	1.74	ō	80	C	100	o	Ú	20	0	Ü
7.4 -	. 7	SET ENG NO.1 START LEVER TO START	1	2.51	. 0	8(	C	100	Ċ	Ú	20	c	0
74	ع -	SET ENG NO.1 STARE	ı	3.00	0	80	Ċ	100	C.	C	20	v	Ú
	•	LEVER TO SUTOFF	2	2.86	Ü	86	C	100	O	0	20	0	O
			3	3.24	C	80	Ĺ	166	Ũ	C:	26	Ü	C:
			4	3.24	C	80	190	Ĺ	o	Ç	2¢	O	t.
7.1	<i>(</i>	SET ENG NO.2 STAFT LEVER TO START	1	2.51	Ú	100	Ü	166	ن	Ç	20	0	Ģ
7.1	10	SET ENG NO.2 START	1	3.24.	6	100	e	100	จ	O	20	C	C
		LEVER TO CUTUEF	2	2.51	Ü	166	(	100	U	Ü	2¢	Ç.	C
			3	2.51	0	160	100	Ü	Ù	0	20	0	0
7#	i 1	MEN ENG START SWES IN FLT PCS	1	.52	U	10(	Ç	Ĺ	O	Ú	26	0	C
7%	12	CHECK ENG NO.1 START	i	2.41	ě	100	С	0	o	O	20	ú	Ĺ
•	• •	SW SET TO DEE	2	1.50	č	100	Ĭ.	ŭ	ŭ	ŏ	20	Ū	Ü
			-		-			-	-	-	-	-	

			•. •		1								
	TASK	·	S	DUR	CH	ANNEL	ACTI	VITY -	- PER	CENT	OF DU	IR TIP	IE .
	CDDE		I	TIME					•			,	
	ND.	TASK NAME/DESCRIPTION	T	(SEC)	ΕV	IV	LH	RH	LF	RF	COG	AUD	VBL
7M	13	CHECK THAT ENG ND.2	1	2.02	0	10C	C	C	: 0,	0	20 20	· o	·
		START SW SET TO DEF	2	.78	0	100	C	0	Ó	` O	20	0	C
7M	14	CHECK THAT ENG START	1	1.30	- 0	100	G	Ċ	0.	0	20	0	. 0
		LEVERS IN OFF POS	2	. 78	0	100	C	O	Ü	0	20	. 0	O
7 M	15	MON ENG 2 START LVR	1	1.30	. 0	100	C	0.		0	20	. 0	Ü
		AUTOMATICALLY MOVED TO OFF	2	.78	0	100	C	0	0	0	20	0	C
7M	16	MUN ENG 1 START LVR	1	1.30	С	100	0	0	ó	· 0	20	0	C
	• •	AUTOMATICALLY MOVED TO OFF	2	• 78	Ċ	100	0	O O	0	C	20	С	Ú
7M	17	SET ENG NJ.1 START SET TO OFF	1	2.50	o	10¢	100	C	. 0	G	20	o	ι
7.4	18	SET ENG NO.2 START SW TO OFF	1	1.50	0	100	106	0	0	.0	. 20	C	<b>(</b> ·

	TASK		2 1	DUR Time	CH	IANNEL	ACTI	VITY	- PERC	ENT	OF DU	R TIM	E
	NŪ.	TASK NAME/DESCRIPTION	Ť	(SEC)	EV	JV.	LH	RH	LF	RF	COG	AUD	VBL
70	C 1	SET ENG NO.1 OVRHT DETEC SW-TD NORMAL	1	2.46	0	100	C	100	<b>.</b>	Ü	20	o	C
72	02	SFT ENG NO.1 OVRHT DETEC SW TO FIRE	1	2.46	0	10C	C	100	0	Õ	20	0	(·
<b>7</b> P	1.2	SET ENG NO.2 OVRHT DETEC SW TO NORMAL	1	1.63	C	100	C	100	0	٥	20	o	(t
<b>7</b> P	( 4	SET ENG NO.2 OVRHT DETEC SW TO FIRE	1	1.63	o	100	C	100	0	0	20	0	C
<b>7</b> P	0.5	MGV ENG NO.1 OVRHT LT ON ,	1	.90 .54	0	10C 10C	( 0	<b>(</b> :	0	0	2C 20	0 0	6 6
<b>7</b> 2		MON ENG NO.1 OVRHT LT OFF	1	.90 .54	<b>C</b> 0	106 106	0	0	0	o o	20 0	0 0	C
70	£7 °	MON ENG NO.2 OVRHT LT ON	1	.90 .54	- <b>C</b>	100 100	C	0 - 0	O Ü	0	20 20	. <b>C</b>	(· (.
<b>7</b> P	3.0	MON ENG NO.2 OVEHT LT OFF	1	•90 •54	0	10( 10(	C C	U O	ບ ບ	ti i	20 20	0	0
7 <i>?</i>	. 09	SET OVEHT TEST SW TO OVEHT	5	2.20 1.62	<b>C</b> 0	100 100	C	100 100	0	0	20 20	0	o C
7 P	1,0	SET OVEHT TEST SW TO FIRE	1	.50	O	100	O	100	O	0	20	O	C
<b>7</b> P	11	ACTUATE EXT TEST SW	i	1.63	Ú	25	C	166	o	0	20	0	0
70	12	MUN EXT TEST LTS UN	1	• 54	O	75	(	ı	Ü	G	20	Ü	o
<b>7</b> P	13	MON WHEEL WELL FIRE WARNING LT ON	1	1.24	0	100	•	Ċ	o,	G	20	ι	(·
<b>7</b> 2	14	MON WHEEL WELL FIRE WARMING LT CFF	1	1.24	į,	100	(	Ĺ	Ü	ù	26	υ	Ċ
7 P	15	MON ENG NO.1 FIRE	1	•91	C	100	C	o	O O	O	20	0	Ç
		WARNING LT ON	<i>2</i> 3	.54 5.00	C O	100 100	Ĺ	Ú	0 0	C O	20 20	0	o C
72	16	NÚN ENC NJ.1 FIRE MARNING LT ÚFF	i 2 3	91 54 15.00	ů G O	100 100 100	( (	0 6	0 0	0 0 0	20 20 20	U U	0 (; ()
			•	-	•			_	•	•		•	
70	17	PULL ENG NO.1 FIRE WARNING SW HANDLE UP	5	1.67	C G	100 100	100 (	loc	Ü	(; ()	2¢ 20	Û	Ü

	TASK	•	S	DUR TIME	СН	ANNEL	ACTI	VITY -	- PER	ENT	OF DU	R TIM	E
	NO.	TASK NAME / ) ESCRIPTION	Ť	(SEC)	E۷	IV	LH	RH	LF	RF	COG	AUD	VBL
7P	18	ROTATE ENG NO.1 FIRE WARNING S& HANDLE TO LEFT	2	2.13 2.13	0	10C 10C	( 100	100	0	0	20 20	0	0
<b>7</b> P	19	ROTATE ENG NO.1 FIRE WARNING SW HANDLE TO RIGHT	1	2.33	0	100	Ĺ	100	Ú	0	20	0	o
<b>7</b> P	20	ACTUATE ENG NO.1 FIRE WARNING OVERRID SW	1	2.33	0	106	C	106	. <b>Q</b>	0	20	0	0
<b>7</b> P	21	MON ENG NO.2 FIRE WARNING LT ON	1 2	.60 .54	C	106 106	C 0	<b>o</b>	ů O	Ü	20 20	0 0	0
<b>7</b> P	22	MON ENG NO.2 FIRE WARNING LT DFF	1 2	.54 .80	0	10C 10C	C	ů	0	0	2 <b>C</b> 20	0	(: ()
<b>7</b> P	23	PULL ENG NO.2 FIRE WARNING SW HANDLE UP	1 2	1.73 1.91	0	100 100	C	100 106	0	0	20 20	0	0
<b>7</b> P	24	ROTATE ENG NO.2 FIRE WARNING SW HANDLE TO LEFT	1 2 3	2.33 2.53 2.13	0	100 100 100	0 0	100 100 100	0	0 0	20 20 20	0 0	0 0 0
7P	25	ROTATE ENG NO.2 FIRE WARNING S∦ HANDLE TU RIGHT	2	2.53 2.33	0	100 100	(	100 100	0 0	0	20 20	0	0
7P	26	ACTUATE ENG NO.2 Fire warning overd Sw	1	2.53	C	100	C	106	0	0	20	0	0
<b>7</b> P	27	MON L BOTTLE Discharge LT on	1 2	.58 .27	0 0	100 100	C C	C O	0	0 0	20 20	0	C. O
<b>7</b> P	28	MON L BOTTLE Discharge LT Off	1	.58 .27	0	100 100	C	<b>c</b>	0	0	20 20	0	C C
7P	29	MON R BOTTLE Discharge LT on	2	•58 •26	0	100 106	C	0	0 û	0	20 20	0	0
<b>7</b> P	30	MON R BOTTLE Discharge LT Off	1 2	• 58 • 26	c e	10¢ 10¢	C	C	0	0	20 20	C 0	0
7 P	31	MON APU FIRE WARNING LT ON	2	• 98 • 54	0	106 100	C	<b>6</b>	ů ů	0	20 20	0	0
<b>7</b> P	32	MON APU FIRE Warning LT OFF	1 2	• 98 • 54	. 0	100 100	Ç (	o o	0.	0	20 20	C 0	0 0
<b>7</b> P	33	PULL APU FIRE WARNING SW HANDLE UP	1 2	1.16 1.89	0	100 100	C	100 100	0	0	20 20	C O	0

	TASK		S I	DUR Time	CH	IANNEL	ACTI	VITY -	- PERC	ENT	OF DU	IR TIM	E
	NO.	TASK NAME/DESCRIPTION	T	(SEC)	ΕV	ΙV	LH	RH	LF	RF	COG	AUD	VBL
7P	34	ROTATE APU FIRE	1	2.33	0	100	Ŀ	10u	0	Ú	20	0	0
		WARNING SW HANDLE	2	2.53	0	100	C	100	0	0	20	G	C
		TO LEFT	3	2.13	0	100	C	10¢	0	C	20	0	0
<b>7</b> P	35	ROTATE AFJ FIRE	1	2.33	0	100	(·	100	0	O	20	C	U
		WARNING SW HANDLE TO RIGHT	2	2.53	0	100	C	100	0	U	20	0	
<b>7</b> P	36	ACTUATE APU FIRE WARNING OVERRIDE SW	1	2.33	0	100	0	100	0	0,	20	Ů	0
<b>7</b> P	37	MON APU POTTLE Discharged Lt on	1	. 27	0	100	ſ	0	0	U	20	0	G
7P	38	MON APU BOTTLE Discharged LT Off	1	.27	0	100	C	C	. 0	C	20	c	0
<b>7</b> P	39	MONITOR FIRE ALARM Warning LT and Bell	1	.71	. 0	100	C	O	0	0	20	100	0
7 P	40	PULL FIRE ALARM	1	1.50	G	166	C	100	0	0	20	0	0
		BELL CUTCUT SW	2	1.20	ō	100	Č	100	Ō	O	20	Ŏ	Ö
			3	.91	ō	100	Ö	100	ā	Ŏ	20	ŏ	ŏ
<b>7</b> P	41	MON MASTER CAUTION AND OVHT/DET ANNUN LTS ON	1	.73	ũ	100	C	O	ن	o	20	0	0
<b>7</b> P	42	PRESS MASTER CAUTION PESET SW	1	2.14	0	100	100	0	0	0	20	0	0
<b>7</b> P	43	MON CVHT/DET ANNUN	. 1	.54	0	100	¢.	C	υ	o	20	c	U
<b>7</b> P	44	MON OVHT/DET ANNUN LT OFF	1	.54	C.	106	(	U	0	0	20	0	c ·
<b>7</b> P	45	PRESS ANNUN PNL Recall Sw	1	2.14	0	100	100	c	0	0	20	0	0
<b>7</b> P	46	MON FIRE JARNING BELL AND ANNUN LTS ON	1	.54	C	100	C	O	٥	0	20	100	<b>U</b> E
<b>7</b> P	47	PRESS FIRE WARNING ANNUM LT SW	1	1.35	0	106	c	100	0	0	20	0	o
<b>7</b> P	48	MON ENG NO.1 OVRHT Detect S. on Normal	1	.90	O	106	C-	G	0	C	20	0	c
7 P	- 49	MON ENG NO.2 OVRHT Detect SW on Normal	1	.9C	0	100	C	C	0	0	20	c	0
<b>7</b> P	50	MGN APU DETECT INOP LT ON	1 2	•90 •54	ů	100 100	C C	0	0	0	20 20	0	0

	TASK		S	DUR Time	СН	ANNEL	ACTI	VITY -	- PER	CENT	OF DU	R TIM	E
	NO.	TASK NAME/DESCRIPTION	ī	(SEC)	ΕV	ΙV	LH	RH	LF	RF	COG	AUD	VBL
7 P	51	MON APU DETECT INOP	1	•90	0	106	Ü	c	0	C	26	O	C)
7P	52 ·	SET OVHT TEST SW TO OFF	1	• 50	0	10ι	C	100	0	0	20	C	Ç
7 P	5.3	MONITOR LIGHT + BELL	1	•54	C	c	c	0	0	0	20	100	10,0

	TASK CODE		· S I	DUR Time	CH	IANNEL	ACTI	YIIV	- PER	ENT	OF DU	R TIM	E <sub>.</sub>
	NC.	TASK NAME/DESCRIPTION	T	(SEC)	E V	ΙV	LH	RH	LF	RF	COG	AUD	VBL
79	01	PRESS CABIN DOOR	1	2.66	0	50	C	100	э	C	20	0	Ć.
	٠.	UNLOCK SW	ž	2.44	ŏ	50	č	100	ŏ	ŏ	20	·ŏ	ō
			3	3.60	Ğ	50	100	C	ŭ	ŏ	20	č	Ü
			•	3.00	·	70	100	•	•	•		•	·
70	02	MON CABIN DOOR LOCK LT ON	ì	1.29	0	166	C	C	0	0	20	0	U
72	03	MON CABIN DOOR LOCK LT OFF	1	1.29	0	106	C	U	o	C	<b>2</b> G	O	Ú
70	<b>C4</b>	MON MASTER CAUTION AND DOORS ANNUN LTS	1	• 73	0	100	C	0	0	C	2ù	Ú	0
70	¢5	PRESS MASTER CAUT RESET SW	1	2.14	0	100	100	0	o	0	20	O	O
<b>7</b> Q	06	MON DOORS ANNUN LT ON	1	.54	O	100	.C	0	0	0	20	0	c
70	07	MON DOORS ANNUN LT OFF	1	. 54	C	106	C	Ü	Ü	C	26	C	c
72	08	PRESS ANNUN PNL RECALL SW	1	2.14	G	100	160	C	0	0	20	0	ı
79	۲9	MON FWD ENTRY LT ON	1	1.55	0	106	c	0	0	0	20	0	0
70	10	MON FWD ENTRY LT OFF	1	1.55	0	100	C	0	0	Ç	20	0	c
70	11	ACTUATE FWD ENTRY LT TEST SW	1	2 • 46	C	100	C	100	0	0	20	C	Ü
70	12	MON AFT ENTRY LT ON	1	1.55	0	100	Ĺ	0	0	0	20	0	c
70	13	MON AFT ENTRY LT OFF	2	1.55 1.12	C	10( 10(	( (	Ç O	C U	C C	20 20	0 0	0
70	14	ACTUATE AFT ENTRY LT TEST SW	1	1.38	0	100	C	100	0	C	20	O	O
70	15	MON AIR STAIRS LT On	1	1.12	C	100	0	0	0	0	20	0	O
70	16	MON AIR STAIRS LT CFF	1	1.12	C	100	c	0	0	0	20	0	С
70	17	ACTUATE AIR STAIRS LT TEST SM	1	1.41	0	100	C	100	0	0	20	o	0
<b>7</b> Q	18	MON EQUIP / TIRE BURST LT ON	1	1.12	0	100	Ĺ	G	υ	C	20	C	v

	TASK		s I	DUR Time	СН	ANNEL	ACTI	VITY -	- PERC	ENT	OF DU	R TIM	E
	ND.	TASK NAME/DESCRIPTION	·Ť	(SEC)	ΕV	IV	LH	RH	LF	RF	COG	AUD	VBL
70	19	MON EQUIP / TIRE BURST LT CFF	1	1.12	Ġ	100	ι	Û	Û	Ü	20	ũ	C
<b>70</b>	21.	ACTUATE EQUIP / TIRE BURST TEST SW	1	1.38	0	100	C	106	0	0	20		Ú
<b>7</b> Q	21	MON FWD CARGO LT ON	1	1.12	o <sub>.</sub>	100	C	Ċ	0	0	26	o	t.
74	. 22	MON FWD CARGO LT OFF	1	1.12	C	166	C	O	0	.0	20	0	0
70	23	ACTUATE FWD CARGO LT TEST SW	1	1.39	0	10C	Ĺ	100	Ü.	ن	20	0	(ı
70.	24	MUN AFT CARGU LT ON	1	1.12	0	100	c	0	0	0	20	0	Ú
70	25	MON AFT CARGO LT OFF	1	1.12	o	100	C	G	o	c	20	o	(·
79	26	ACTUATE AFT CARGO LT TEST Sh	1	1.38	0	100	С	100	C	0	20	0	e
70	27	MON FWD SERVICE LT ON	1	1.12	C	100	(	C	Ü	Û	20	o	t.
70	28	MON FWD SERVICE LT OFF	1	1.12	L	106	<b>C</b>	Ü	Ü	O	20	G	Ü
70	29	ACTUATE FWD SERVICE LT TEST SW	1	1.40	C	100	C	100	0	0	20	0	O
72	30	MON AFT SERVICE LT ON	1	1.12	0	100	G	C	0	ü	26	Ú	U
70	31	MON AFT SERVICE LT OFF	1	1.12	0	100	c	0	Ü	<b>.</b>	20	0	C
70	32	ACTUATE AFT SERVICE LT TEST S#	1	1.38	C	100	C	100	0	Û	20	o	c

-	TASK	•	S	DUR Time	CH	ANNEL	ACTI	VITY -	PER	CENT	OF DU	R TIM	E
	NO.	TASK NAME/DESCRIPTION	T	(SEC)	ΕV	· IV	LH	RH	LF	RF	COG	AUD	VBL
8416	60001	VIEW RUNWAY AHEAD	1	2.00	100	, <b>c</b>	C	Ĺ	0	Ú	20	0	· c
84	( 2	CAPT. VIEW THRU	1	2.00	100	C	C	C	0	0	20	. 0	U
		NO.1 WINDOW	2	150.CO	100	C	Ü	· Ú	0	C	50	0	0
			3	78.CO	100	0	0	0	0	0	50	C	0
			4	45.00	100	C	C	Ú	0	C	50	0	0
84	03	F.G. VIEW THRU	1	2.00	100	C	C	C	٥	0	20	0	O
		NO.1 WINDOW	2		10	ι	C	0	0	Ü	16	v	0
			3	240.00	10	C	C	0	0	U	10	Ü	C)
			4	26.00	10	(	C	0	0	0	10	0	0
84	04	CAPT. VIEW THRU		100.00	100	C	(	0	C	0	50	C	(·
		NO.1 WINDOW	2	110.00	100	C	C	C	0	0	50	O	C.
			3	15.00	160	C	Ĺ	C	O	0	50	Ú	0 0 0
			4	30.00	100	C	G	C	C	0	50	0	C
84	05	CAPT VIEW THRU	1	10.00	25	C	C	C	0	G	20	0	G
		NO.1 WINDOW	2		25	C	O.	G	0	0	20	0	(·
			3	36.60	25	(·	C	0	0	0	20	0	O
			4	60.00	25	C	C	C	Ú	0	20	Û	C
8 A	C 6	CAPT VIEW THRU		300.00	25	C	Ĺ	O	0	0	20	0	0
		NO.1 WINDOW	2	126.60	25	C .	C	0	0	0	2¢	0	O
			3	26.CU	25	(	C	0	0	0	20	0	0
		•	4	134.00	25	C	C	C	0	U	20	Ü	C
84	6.7	F.O. VIEW OUT		134.00	25	C	C	C	C	e	20	٥	O
		NO.1 WINDOW	2	78.60	25	C	C	C	O	C	20	0	Ü
			. 3	150.00	25	C	O	. 0	0	0	20	0	C-
			4	10.00	25	C	e	0	0	0	20	G	C

	TASK		S	DUR Time	Сн	ANNEL	ACTI	VITY -	- PER	ENT	OF DU	R TIM	E
	NO.	TASK NAME/DESCRIPTION	T	(SEC)	EV	ΙV	LH	RH	LF	RF	COG	AUD	VBL
88	01	RECORD DATA	1 2	15.00 2.00	0	2(- 10(-	6 56	100 100	. 0	0	20 50	0 Ü	0 0
88	0.2	RETREIVE CHECKLIST	1 2 3	4.60 5.90 5.90	0	16 16 10	ι ( 100	100 100 0	0 0 0	0 0 0	20 20 20	0 0 0	0 0 0
88	63	READ NEXT ITEM ON CHECKLIST	1 2 3 4	2.60 4.60 6.60 8.60	000	100 100 100 100	0 6 (	. G G O	0 0 0	0 0 0	20 20 20 20	0 0 0	0 0 0 0
88	(· 4	REFER TO HANDWRITTEN Data	1 2 3 4	2.00 4.00 8.00 12.00	0	100 100 100 100	() () ()	0 0	C 0 0	0 0 0	26 20 20 20	0 0 0	0 0 0 6
88	0.5	FIND CHECKLIST IN HANDBOOK	1 2	16.60	0	100 100	5C 5G	50 50	C O	G G	20 20	ა 0	0
881	60007	RETREIVE/REVIEW APPROACH PLATE	1	10.66	0	100	5(	50	Ú	O	20	G	` .
881	80008	REVIEW/ACKNOWLEDGE Approach plate data	1	10.00	G	100	5(	50	0	0	20	O	C
88	( 8	STOW CHECKLIST	1	3.60	0	5 (.	5(	160	v	0	20	0	O
68	c é	PETREIVE CHARTS	1	6.67 6.24	G G	2 C 2 C	C 10C	100 C	0	· û	10 10	o ú	Ů
880	40001	REVIEW DEPARTURE CHART	2	16.91 16.91	0	100 100	0 100	100 C	0 0	0	20 20	0 0	ŗ
88	67	STOW CHARTS	1	5.91	0	0	O	166	ů	G	10	C	0
886	10(6)	PETREIVE/REVIEW COCPIT SAFETY INSPEC CHECKLIST	1	20.00	o	100	c	100	v	. 0	20	0	o
880	10002	REFER TO DATA TO DETERMINE NAV AND COMM FREU≤S	1	5.60	O	100	100	100	C	O	2¢	0	С
880	10003	CHECK THAT MANIFEST, WEIGHT SHEET, AND RELEASE FAPERS OK	1	15.00	0	106	100	166	U	0	86	i	o
880	10004	RETREIVE FLIGHT PLANNING REF. DATA MANUAL	1	3.00	C	50	100	50	Ü	C	26	O	(·

TASK CODE		S	DUR Time	CH	IANNEL	ACTI	VĮTY -	- PERC	ENT	OF DU	R TIM	Ę
ND.	TASK NAME/DESCRIPTION	T	(SEC)	٤V	IV	LH	RH	LF	RF	CDG	AUD	VBL
88010005	STOW FLIGHT PLANNING REF. DATA MANUAL	1	2.00	0	50	100	50	0	C	20	0	C
88¢10¢¢	REFER TO REF. DATA AND COMPUTE TAKEOFF EPR BUG SETTING VALUE	1	36.60	0	100	100	100	<b>O</b>		80	0	
8BC 10007	REFER TO REF. DATA AND COMPUTE TAKEOFF V1 AND VR BUG SET VALUES	1	30.00	C	100	100	100	0	0	80	0	O
88090001	READ NEXT ITEM ON CHECKLIST ON CONTROL COLUMN PLACARD	1	2.00	O	100	C	O	0	0	20	0	¢
8BC90( C2	REVIEW CHARTS TO DETERMINE SPARTAN- BORG VOR FREQ	1	5.00	0	100	100	G	0	C	20	C	C .
88090003	REVIEW CHARTS TO DETERMINE GORDONS- VILLE VOF FREQ	1	5.00	0	100	100	C	0	C	26	G	G
88110((1	REVIEW CHARTS TO DETERMINE PULASKI VOR FREQ	1	5.00	0	100	100	C	0	0	20	<b>.</b> C	. <b>.</b>
88140601	REVIEW CHARTS TO DETERMINE TOCCOA VOR FREO	1	5.00	0	100	100	0	Ü	0	20	Ú	U
88140CC2	REVIEW CHARTS TO DETERMINE NORCROSS VOR FREQ	1	5.00	O	100	100	0	0	0	20	0	o
88140063	REVIEW CHARTS TO DETERMINE CHATTA- NOOGA VOR FREQ	1	5.00	C	100	10 <b>C</b>	C	0	Ü	20	0	Ü
88160001	DETERMINE GO-AROUND EPR BUG SET VALUE	ì	5.60	. <b>C</b>	100	5C	50	C	0	50	O	C
88200001	COMPLETE AIRPLANE AND FLIGHT FORMS	1	30.00	0	100	50	5 <b>L</b>	<b>o</b> .	0	80	0	G
88160002	DETERMINE LANDING V-REF BUG SET VALUE	1	5.00	0	106	50	50	0	0	50	O	0
88160003	REVIEW CHARTS TO DETERMINE RUNWAY OB ILS FREG AND REG VOR FREQ	1	5.00	G	100	<b>50</b>	50	0	G	50	0	C

TASK CDDE		S	DUR TIME	СН	ANNEL	ACTI	VITY -	- PER	CENT	OF DU	R TIM	E
NU.	TASK NAME/DESCRIPTION	Ť	(SEC).	. EV	IV	LH	RH	,LF	ŖF.	COG	.AUD	VBL
88020001	RETREIVE LOADING . MANIFEST	1	3.00	0	100	O	100	o	; <b>0</b>	20	0	Ú
8BC 20CF 2	REVIEW LGADING MANI- FEST TO DETERMINE ZERO FUEL WT	1	3.CO	0	100	. 0	100	. 0	0	20	0	O
88020003	STOW MANIFEST	1	2.00	C	100	C.	100	0	·	20	. 0	c

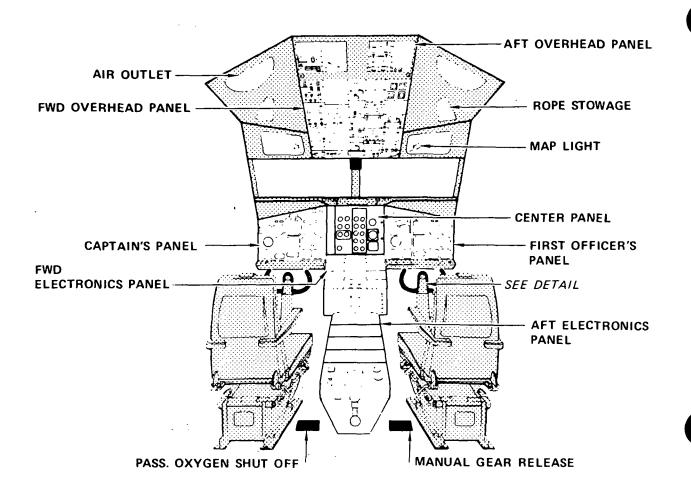
	TASK CODF NO.	TASK NAME/DESCRIPTION	S I T	DUR 1 I ME (SEC)	CH EV		ACT I				OF DU			
80	61	FASTEN SEAT BELT AND HARNESS	1	2.20	0	C	106	100	. 0	. 0	20	. 0	O	
8 C		ADJUST SEAT TO ALIGN BALLS	1	10.66	0	10C	.100	160	100	100	20	C	c	
8 C	C 3	TAKE SEAT	i	3.00	O	100	100	100	100	100	20	0	o	

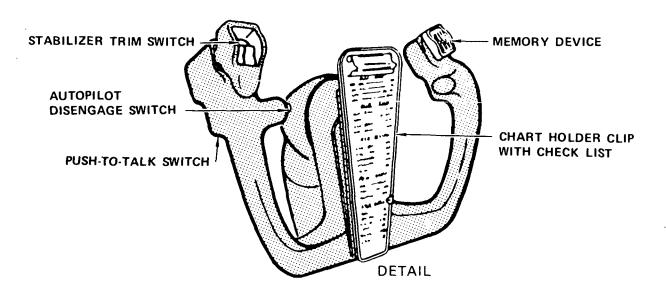
	TASK	s	DUR	СН	IANNEL	ACTIVITY -		PERCENT		OF DUR TIME			
	CCDE NG.	TASK NAME/DESCRIPTION	Ţ	TIME (SEC)	ΕV	IV	LH	RH .	LF	RF	COG	AUD	VBL
80	01	CHECK EMERGENCY	1	10.00	0	100	100	100	Ö,	° 0	20	0	C
60	6.5	CHECK CO2 FIRE EXT BOTTLE	1	5.00	0	100	100	100	0	<b>0</b>	20	e	0
80	c z	CHECK FIRE AXE	i	2.00	0	100	o	0	0	0	20	O	¢.
80	(· 4	CHECK ESCAPE STRAPS	1	1.50	0	100	c	100	, o	, Q	20	0	0

	TASK	· · · · · · · · · · · · · · · · · · ·	S	DUR. Time	Сн	CHANNEL		ACTIVITY -		- PERCENT		OF DUR TIME	
	NO.	TASK NAME/DESCRIPTION	, <b>T</b>	(SEC)	ΕV	IV	LH	RH	LF	RF	COG	AUD	VBL
8E -	C-1	CHECK HEADSET	1	1.50	0	100	100	C	0	0	20	0	0
8 E	0.2	CHECK SUNVISORS AND SMOKE GOGGLES STOWED	1	3.00	0	100	100	100	0	0	20	o	С
86	r-3	PUT GN HEADSET	1	3.00	G	100	100	100	0	, o	20	c	0
88	03	PUT ON HEADSET	1	3 • 00	0	10¢	100	100	ပ	o	26	O	0
<b>8</b> F	( 3	PUT ON HEADSET	1	3.00	0	100	100	100	0	0	20	0	G
٤Ē	(· 3	PUT ON HEADSET	1	3.00	c	100	100	100	o	O	20	0	ı
8.5	t-2	PUT ON HEADSET	i	3.00	C	106	130	100	0	0	20	0	O
9 E	0.3	PUT ON HEADSET	1	3.00	c	100	100	100	o	0	20	0	O

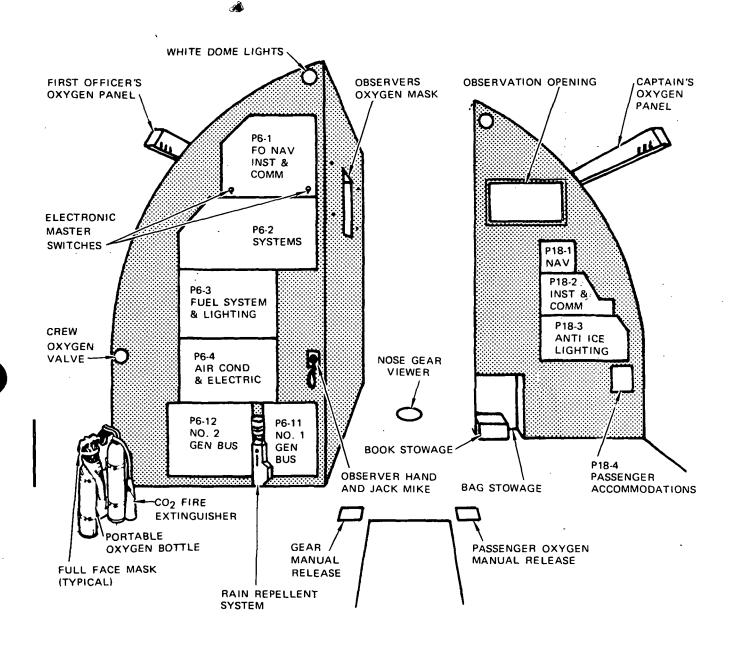
#### APPENDIX SIX

NASA 515 FORWARD FLIGHT DECK INSTRUMENTATION CONFIGURATIONS

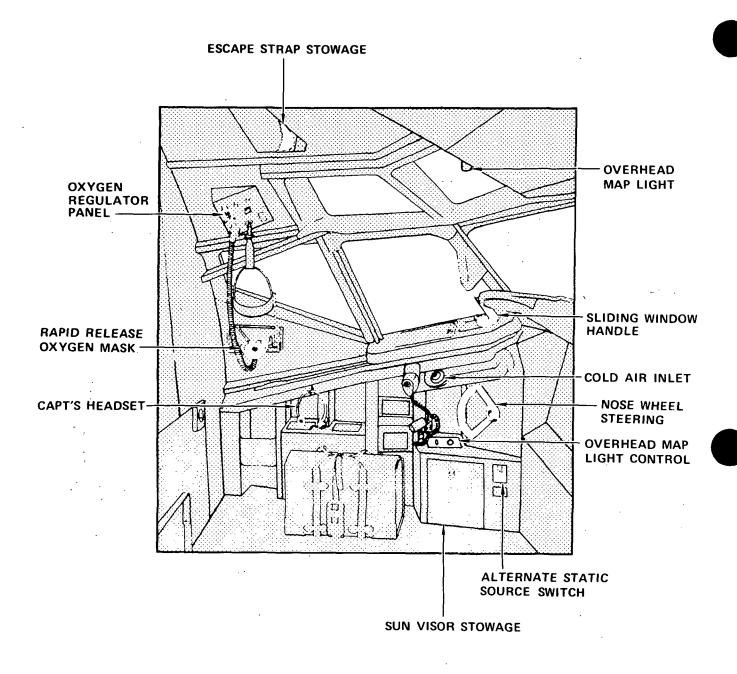




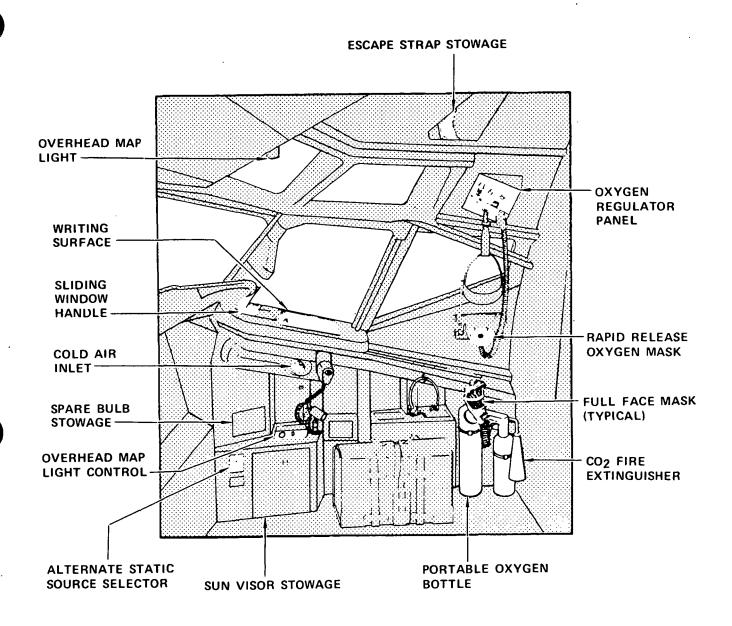
**COCKPIT ARRANGEMENT** 



#### **COCKPIT ARRANGEMENT**

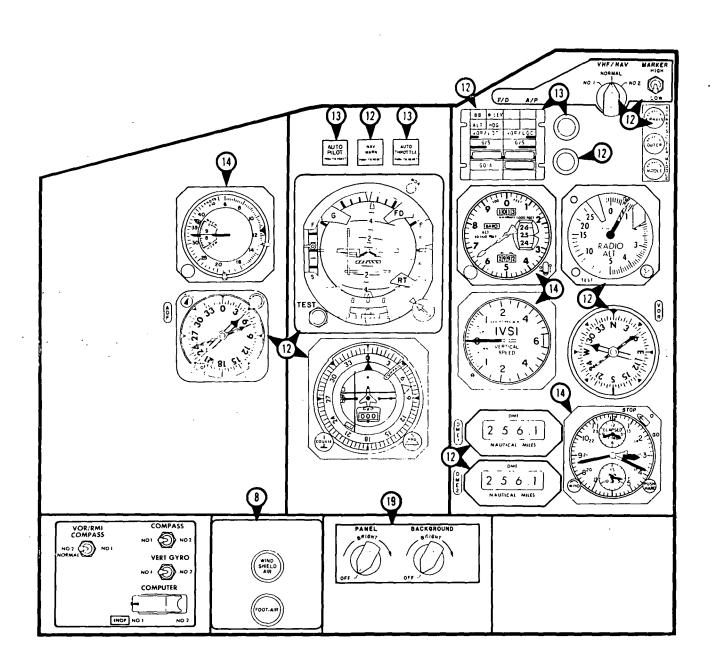




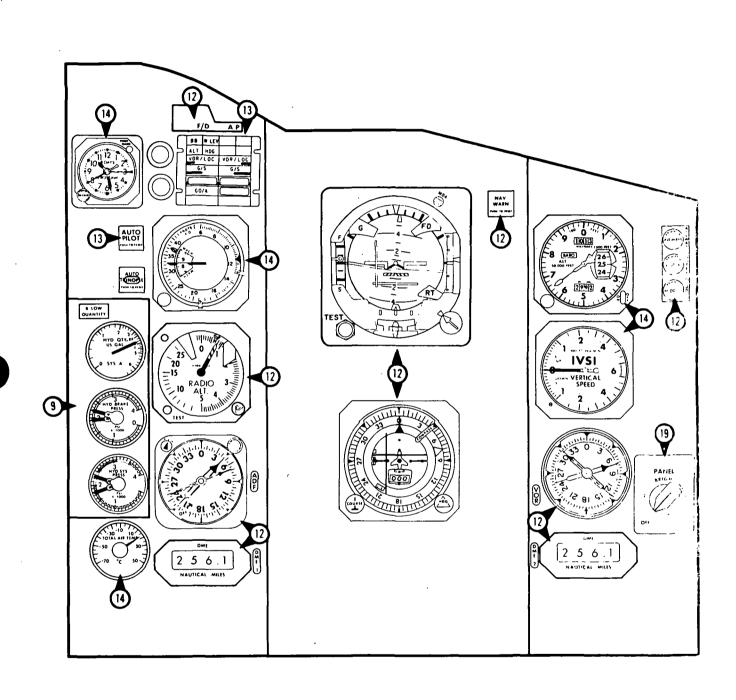




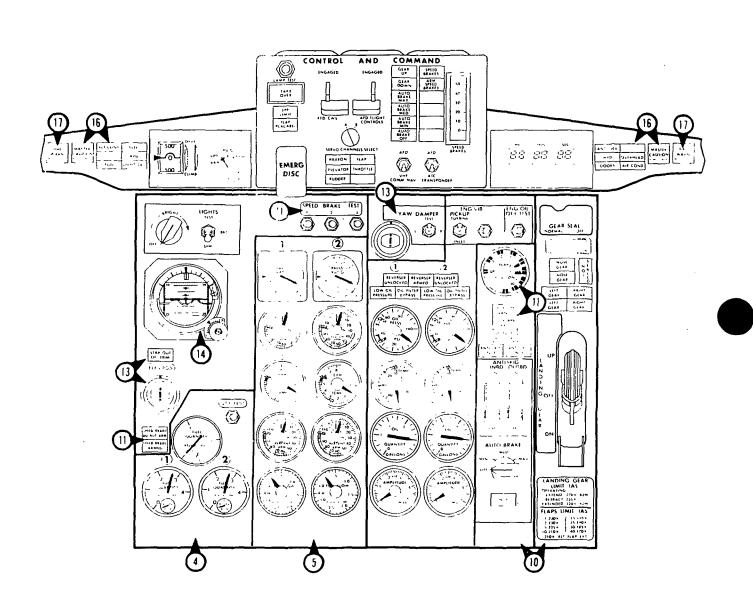
## FIRST OFFICER'S SIDEWALL



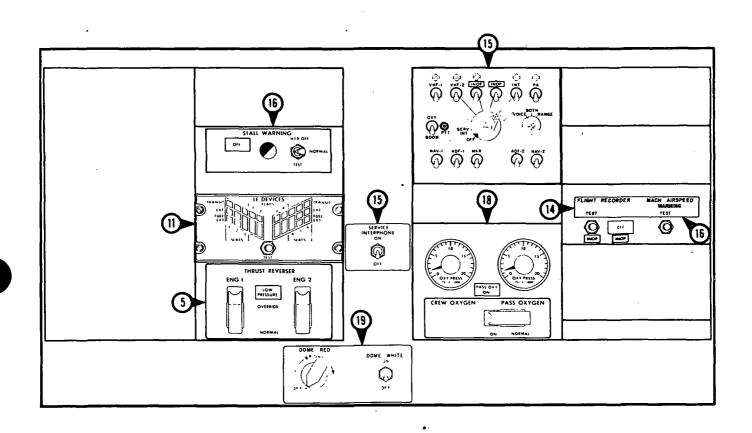
**CAPTAINS PANEL** 



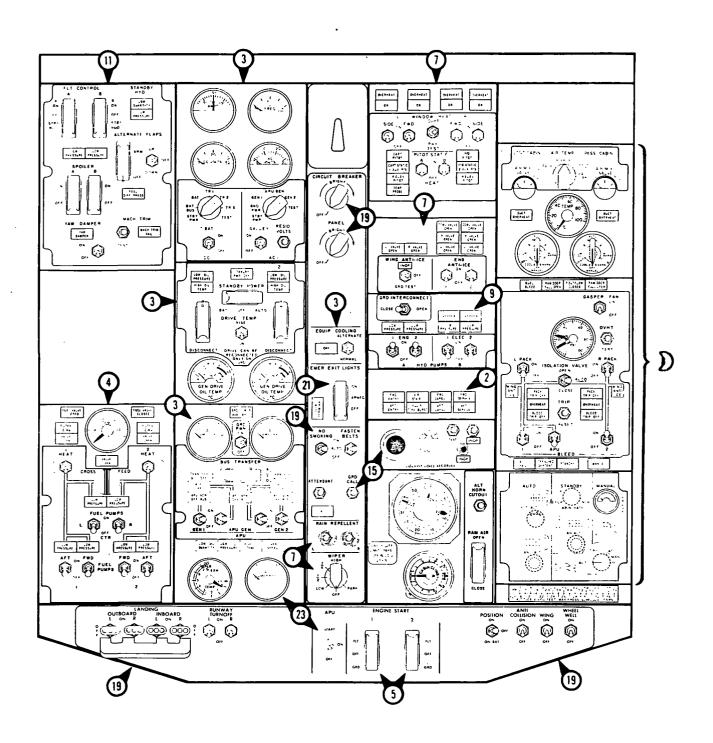
FIRST OFFICER'S PANEL



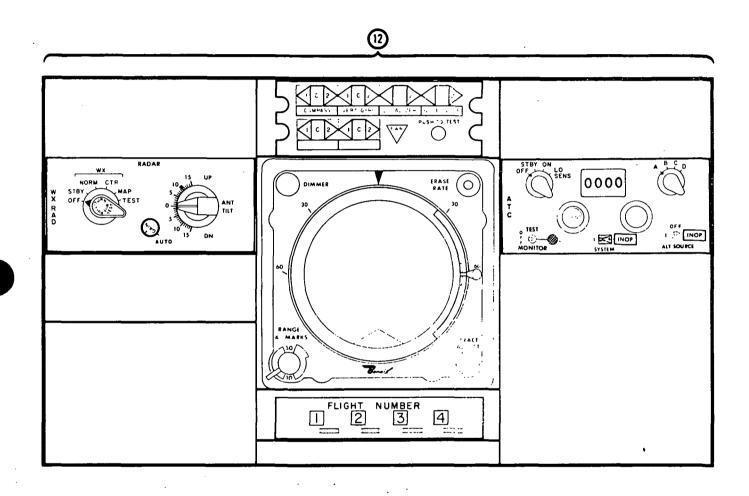
## CENTER INSTRUMENT PANEL AND LIGHT SHIELD



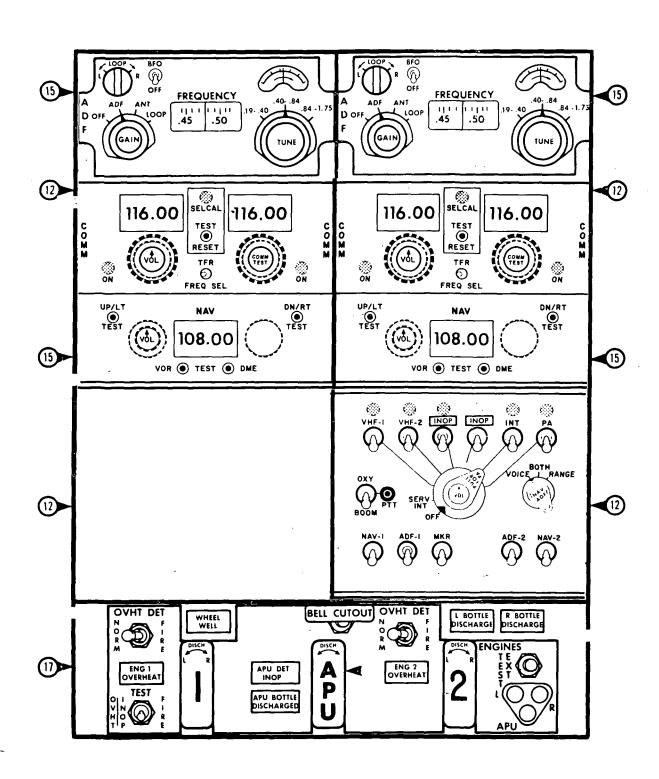
## AFT OVERHEAD PANEL



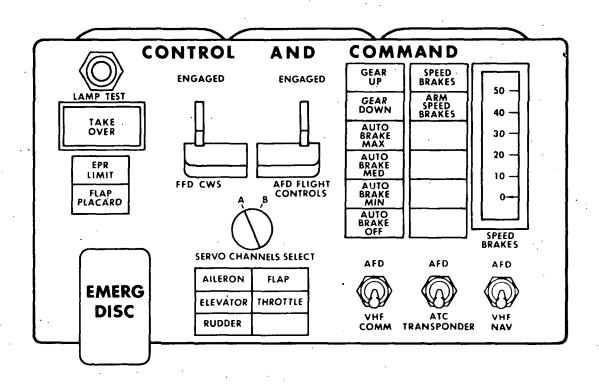
FORWARD OVERHEAD PANEL



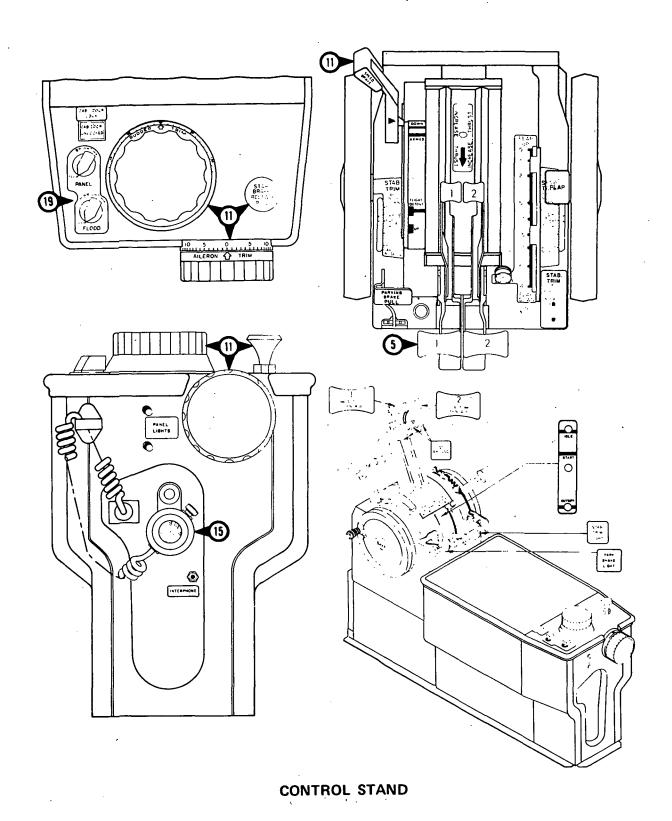
## FORWARD ELECTRONIC CONTROL PANEL

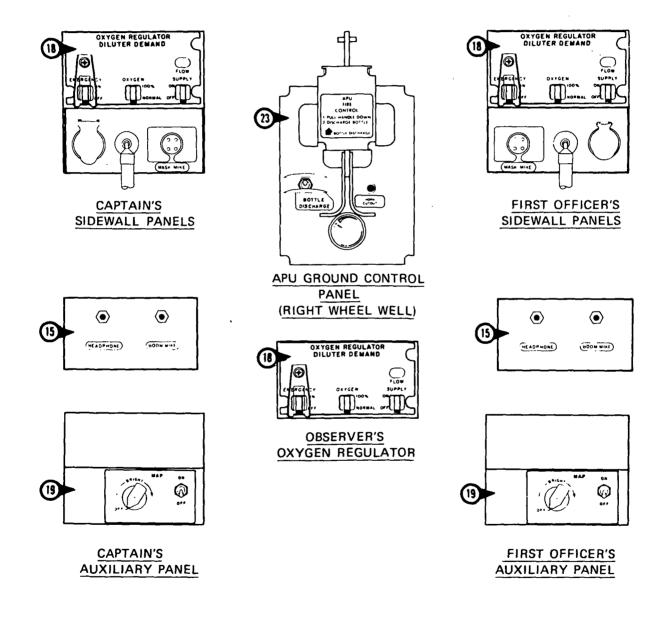


AFT ELECTRONIC CONTROL PANEL



FED CONTROL AND COMMAND PANEL

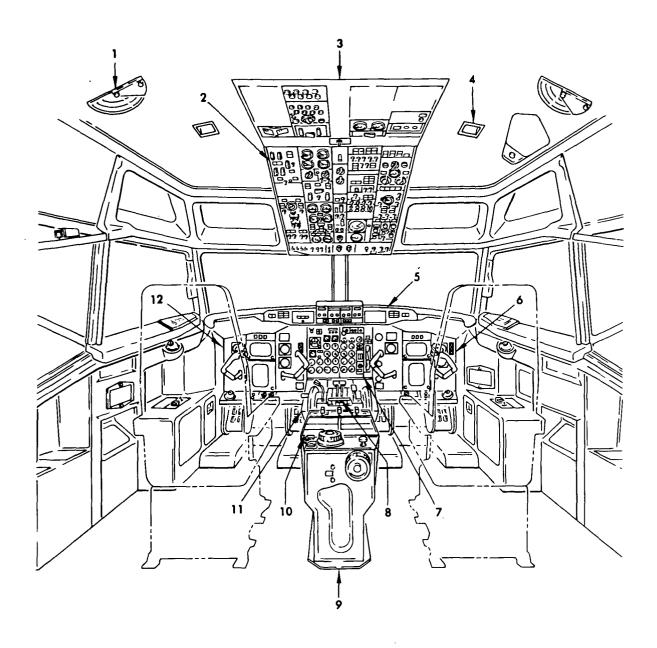




**AUXILIARY PANELS** 

## APPENDIX SEVEN

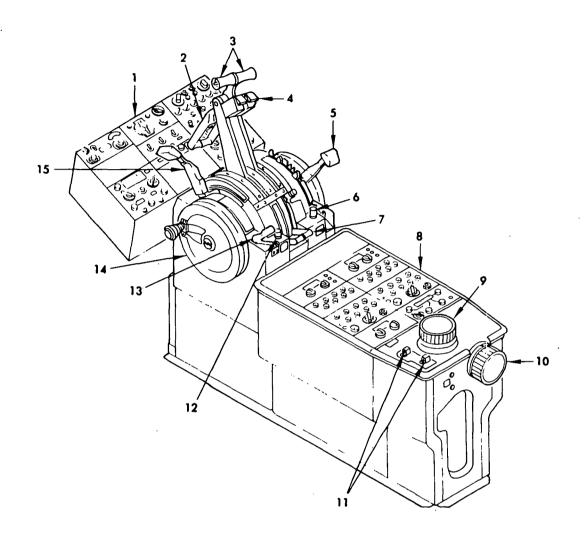
# NASA 515 AFT FLIGHT DECKINSTRUMENTATION CONFIGURATIONS



- 1 AIR OUTLET
- 2 FORWARD OVERHEAD PANEL (DUMMY)
- 3 AFT OVERHEAD PANEL (DUMMY)
- 4 DOME LIGHT
- 5 LIGHT SHIELD PANEL
- 6 COPILOTS INSTRUMENT PANEL

- 7 CENTER INSTRUMENT PANEL
- 8 THROTTLE QUADRANT
- 9 CONTROL STAND
- 10 AFT ELECTRONIC PANEL
- 11 FORWARD ELECTRONIC PANEL
- 12 PILOTS INSTRUMENT PANEL

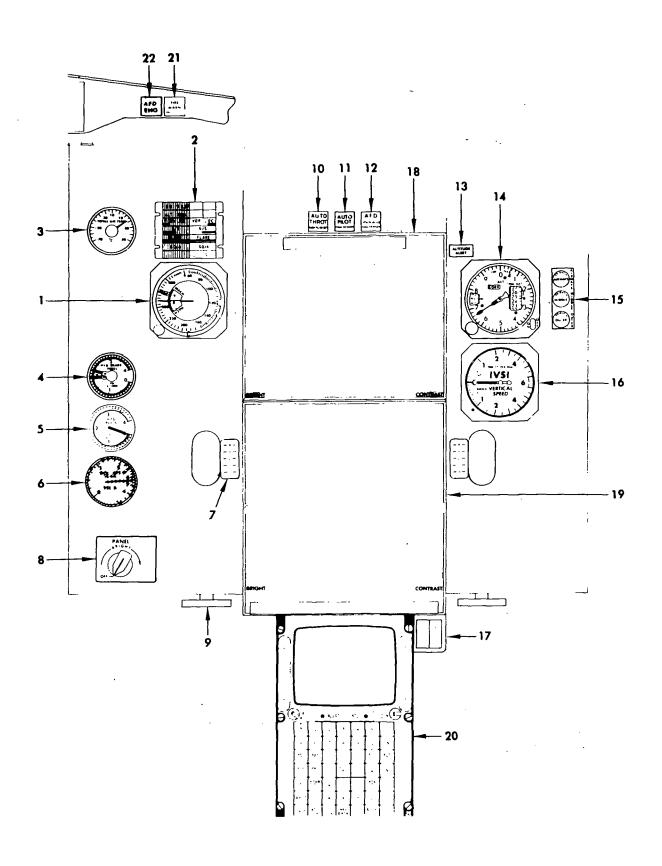
### AFT FLIGHT DECK (FORWARD VIEW)



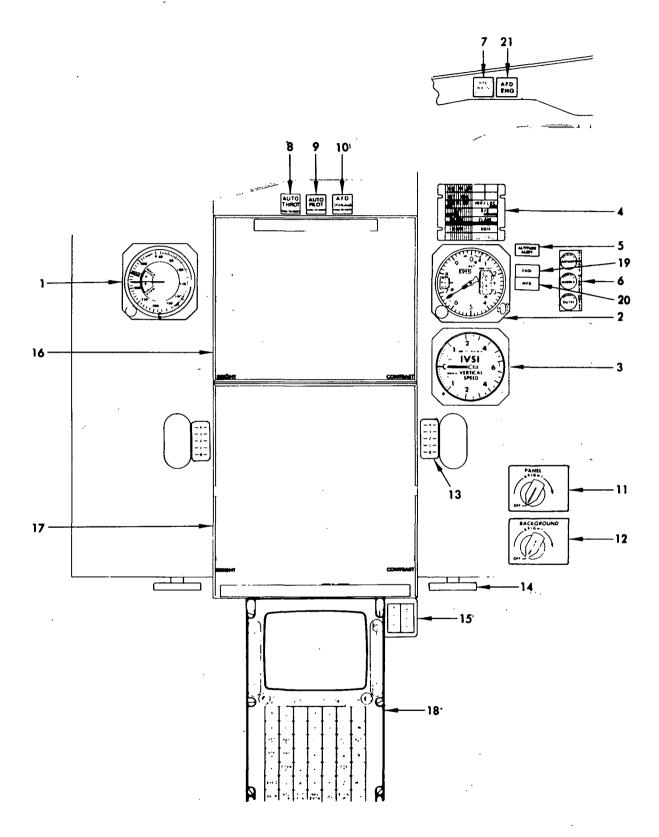
- 1 FORWARD ELECTRONIC PANEL
- 2 REVERSE THRUST LEVERS
- 3 THROTTLES
- 4 GO AROUND SWITCHES
- 5 FLAP LEVER
- 6 STABILIZER TRIM LIGHT
- 7 START LEVERS (DUMMY ONLY)
- 8 AFT ELECTRONIC PANEL

- 9 RUDDER TRIM WHEEL
- 10 AILERON TRIM WHEEL
- 11 CONTROL STAND LIGHTING SWITCHES
- 12 PARKING BRAKE LIGHT
- 13 PARKING BRAKE LEVER (DUMMY ONLY)
- 14 STABILIZER TRIM WHEEL
- 15 SPEED BRAKE LEVER

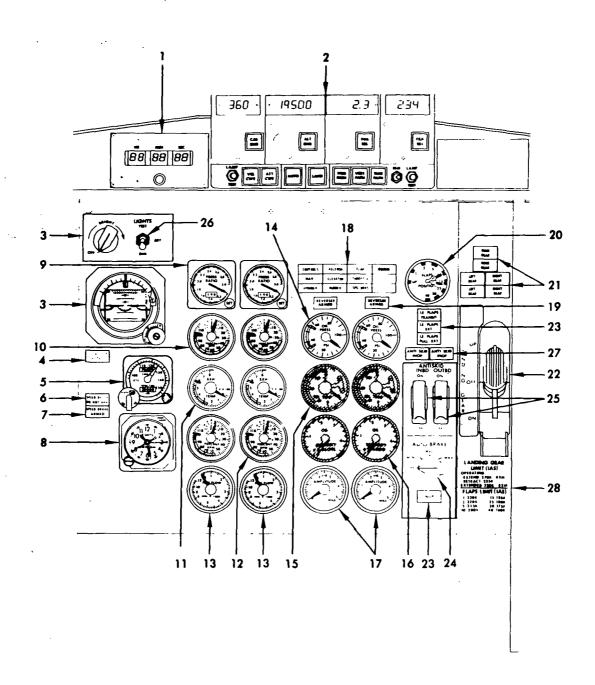
AFD CONTROL STAND AND FORWARD ELECTRONICS PANEL



AFD COPILOT'S INSTRUMENT PANEL



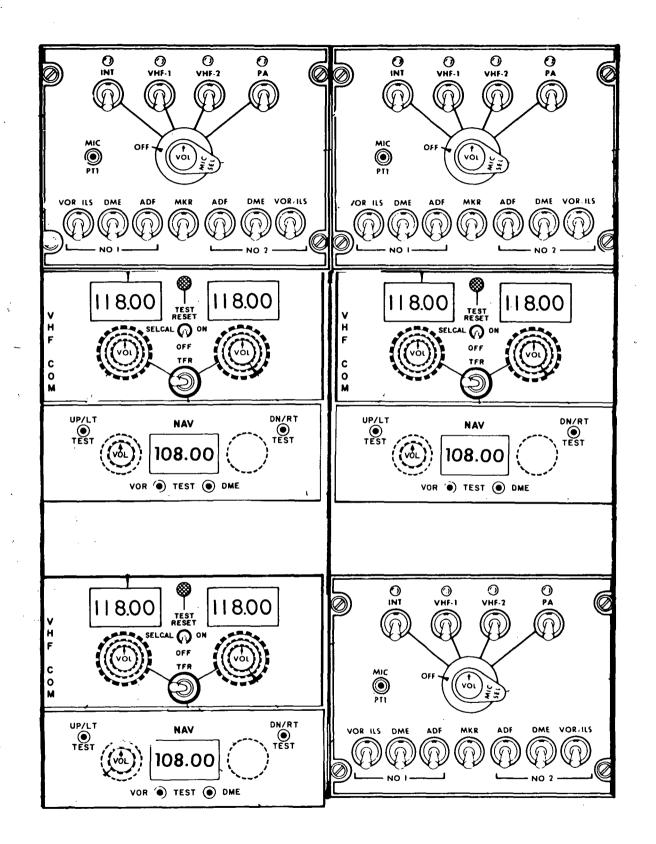
AFD PILOT'S INSTURMENT PANEL



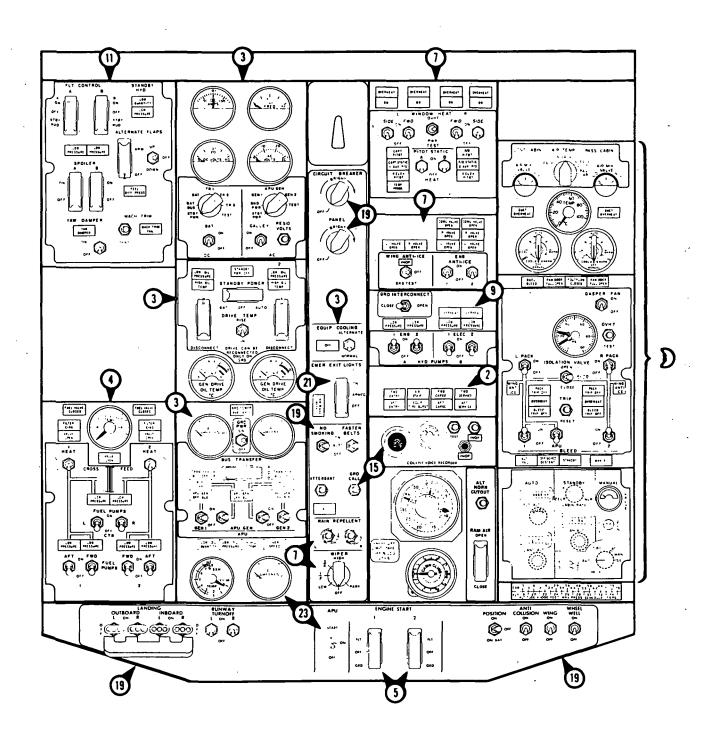
AFD CENTER INSTRUMENT PANEL AND LIGHTSHIELD

LEADING EDGE DEVICE ANNUNCIATION PANEL	ALTITUDE SELECT PANEL	ATC CONTROL PANEL
MFD CONTROL PANEL	EADI CONTROL PANEL	MFD CONTROL PANEL
FFD TAKEOVER		FFD TAKEOVER

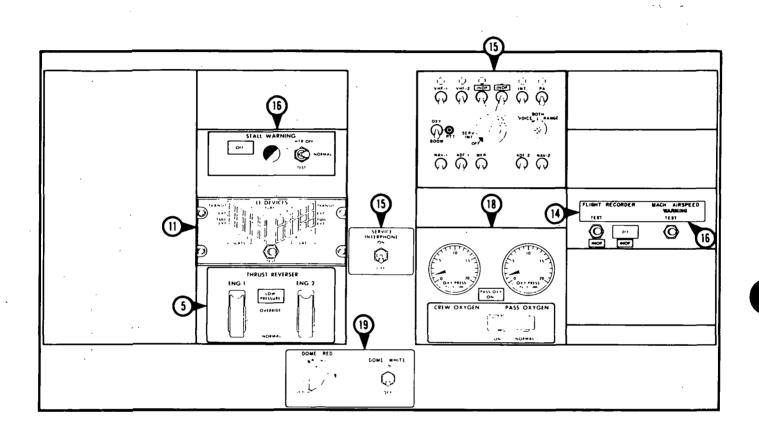
AFD FORWARD ELECTRONIC CONTROL PANEL



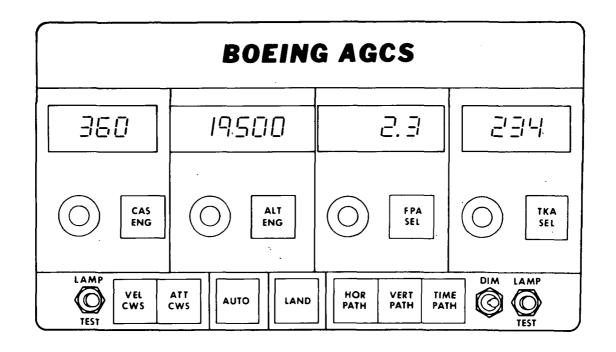
AFD AFT ELECTRONICS CONTROL PANEL



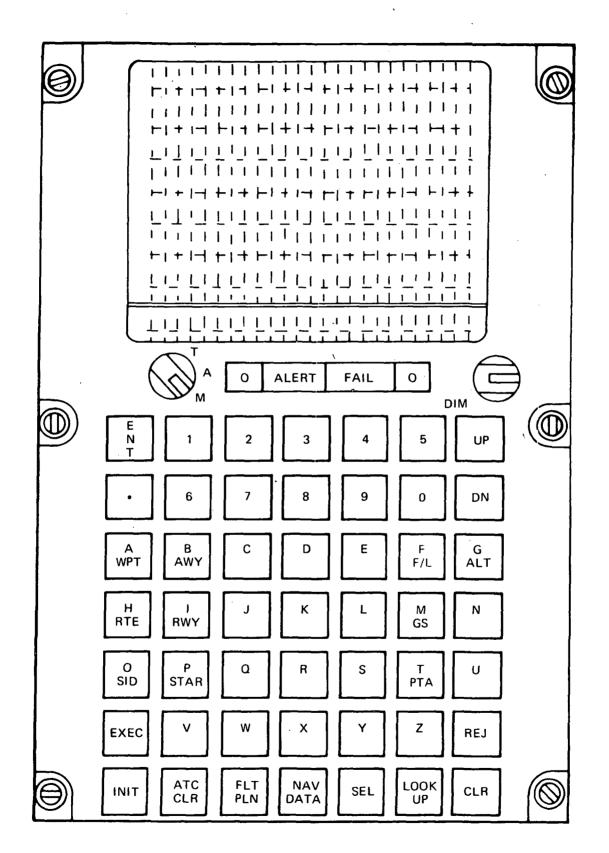
FORWARD OVERHEAD PANEL



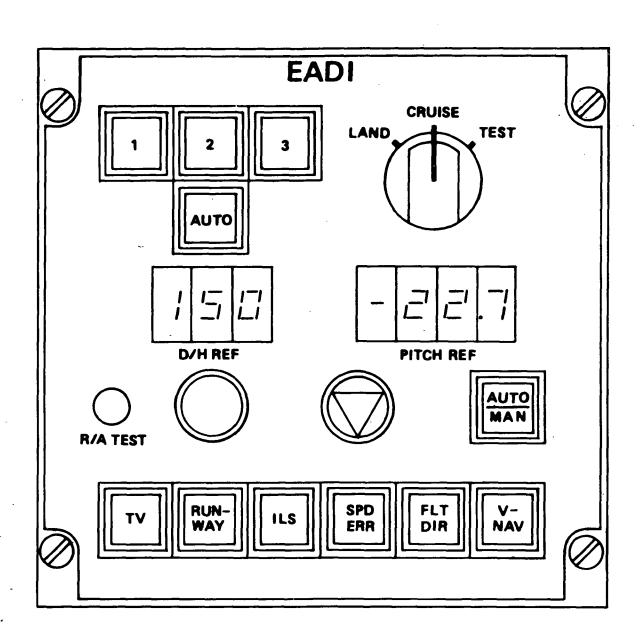
## AFT OVERHEAD PANEL



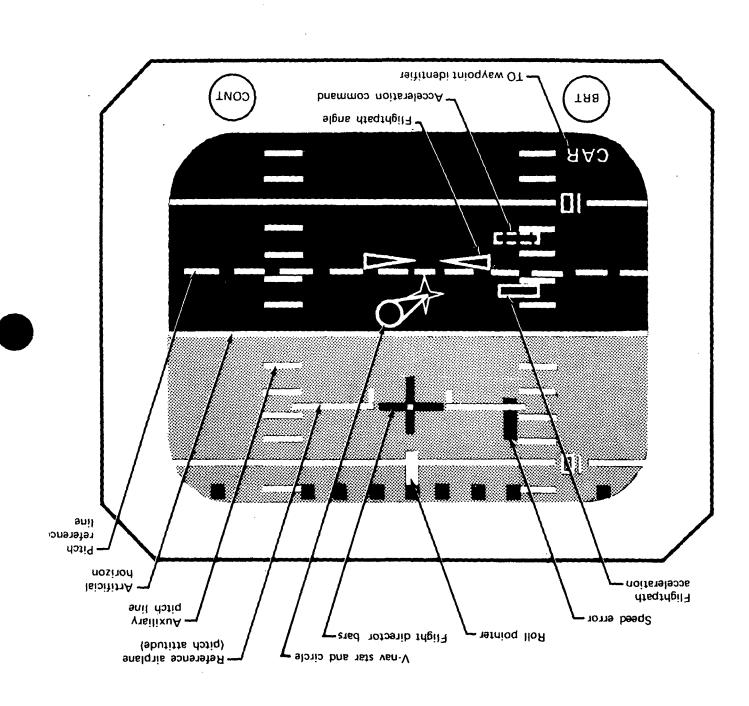
AGCS MODE SELECT PANEL



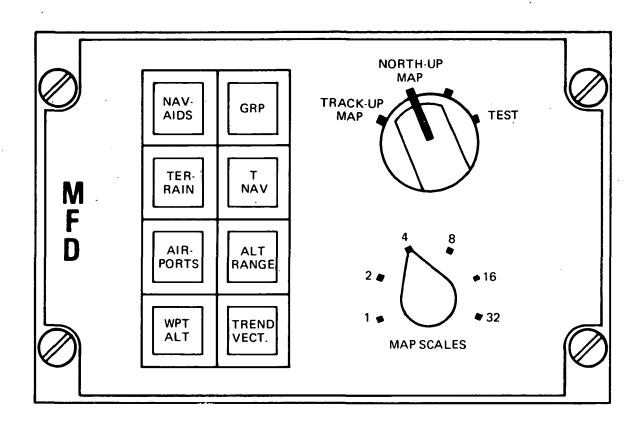
NCDU



EADI MODE CONTROL UNIT



ELECTRONIC ATTITUDE DIRECTOR INDICATOR (CRUISE MODE)



MFD MODE CONTROL UNIT

## APPENDIX EIGHT EVENT/PROCEDURE CATALOG

EVENT/	PROCEDURE			••	ı				
	COCKPIT SAFETY	4C	- 22	<u> </u>	F1		84 ~	·-··	P 1
	INSPECTION	78	57	4 1	1 P2	7B	53		1 1 P1
		7B	52			7 A	29	12	P1
	a na pagaman debenga kembah salah sa	ŸĎ	47	14	P1	4 D	55	15	P2
		40	09	15.5	1 P3	6Δ	17	18	P1
		4E	16	22	1 P1	7 P	48	26	PI
	programma and the second secon	79	49	26.9	P1	7 P	09	28	PŽ
		79	05	28		7 P	30	20.54	P 2
		7P	50	29.08		7 P	10	33	P1
		7P	45	30		7P	15	30.54	1 P2
	:	7 P	21	31.08	-	7 P	22	31.62	P 2
	• *	76	52	32.16		7 0	40	32.66	P1
		7P	11	35	·	7P	12	36.63	P1
		76	19	40		7 L	13	50	P1
		7 B	24	55		7 B	34	56	P1
		7B -	44	57.98		7B	25	58	PI
		80	01			7 H	19		
		80	. 02	1 5 1 23		7H	20	1 15	P1 P1
		7B	85	-1 - 35 -		7 B	86		P 2
		3 F	03	1 45		3F	02	145.69	P1
		3F 4A		•	_				
	and the second s	44	41			4 A	43	1 51	P2
			36	151.32	_		61	152.32	F1
- :	•	44	40	153.33		7H	- 06	1 0	92
	The second dispute to	7H	21	203.50		7K	11	. 2 7	P1
01.0002	D7: 07 67.47C0	80	Ŏ3	2 10	P1				
	PILOT SEATED	9 C	03	=	P1			_	^
010003	CO-PILOT SEATED	8C	03		CP1		02	3	C P1
أحمدت		44	46	17	CP1		03	20	CP1
010004	BEFORE START PROC -1			0	P1		08	20	P1
	(LIGHTS/SEATS/PEDAL)		31	25		76	46	25	P1
		8 C	02		P1	8C	03	50	P1
		44	46	53	P1	_		_	
010005	BEFORE START PROC -2		17	0		7H	14	5	P1
	CUXYGEN SYS)	7H	11	6.4		7H	22	7.8	P1
	. •	7H	10	11.80	_	7H	23	13.2	P1
		7H	13	17.2		7H	12	18.6	P1
		7H	24	20.1		7H	11	25	P1
	•	3 H	24	26.4		7 H	12	30.4	P1
		7H	0.8	32		7H	25	33.3	P1
		7H	09	37.3		14	22	42	P2
		1 F	06	44.35	P3		18	50	P1
		80	04	1 0	P 1	8 E	01	1 2	P1
	•	bE	02	1 8	P1			•	
010006									
010007	BEFORE START PROC -3	44	48	0	P1	4 A	49	2.79	P1
	(FLIGHT CONTROL SYS)	44	50	4.81	PI	44	51	6.85	P1
	•	44	52	8.89	PI	44	53	10.91	P1
		-	2 -	0	PĨ	20	68	1.14	P1
010008	BEFORE START PROC -4	70	67	•	F 4	7C	90	1017	F.A.
010008	BEFORE START PROC -4	7C 7C	49	1.97		7 C	57	2.52	P1

	•	7 C	24	4.43	P1	7C	26	5.38	P 1
		7 C	30	7.33	Pl	1 C	34	0.78	P 1
•		7C	38	10.23	· P1	7 C	42	11.66	P1
010009	BEFORE START PROC -5	79	57	O	P2	78	67	2.18	P 2
	(ELECTRICAL SYS)	78	75	4.36	P1		17	4.92	P 2
		78	88	6.88	P1		89	8.21	Pl
		78	90	9.01	P1		91	10.40	P1
010010	BEFORE START PRUC -6		07	4 23	_	7G	09	2.73	P 2
	(LIGHTS)	78	92	4.23		7 G	35	5.58	<i>F</i> 1
		7 G	38 06	7•48 9•32	P1	-	20	0.02	P1
010011	BEFORE START PROC -7	76 7K	05 07	7.02 C		7 K 7 K	10	11.53	P1 P1
010011	(ANTI-ICE / HEAT )	73	24	5.36		7J	11 26	4•22 6•7ā	P3
	TANTI-1CE / TEAT /	7J	(9	8.20		73	1i	9.70	P 4
	•	73	05	11.20		7 J	07	11.73	P2
		7.3	13	12.26	Pl		15	12.00	P1
		71	17	13.34	_	73	19	13.34	Ρĺ
010012	BEFORE START PROC -8	7 A	01	0		7A	03	1.46	P 2
	(HYDRAULIC SYS)	7A	J9	2.92	P1	7 A	11	3.47	PI
		7 A	05	4.02	Р3	7 A	07	5.48	P3
		7 A	12	6.94	P1	7 A	14	7.49	P1
		74	19	8.04	P1	74	20	10.20	42
		7 A	21	12.52	P 1				
010013	BEFORE START PRUC -9	7 E	9.7	0	P 1		0.2	1.27	P2
	· · · · · · · · · · · · · · · · · · ·	70	41	3.32	_	70	43	6.53	P1
	COMPITIONING )	70	50	9.22	P 3		54	11.34	P3
		70	<b>U</b> 2	15	P 2		01	17.70	P1
	•	70	0.5 4.3	20	P3		19	21.52	P 2
		7 D 7 D	63 65	23.04 25.70		70 70	64 66	24.39· 20.47	P1 P1
		7Ė	65	30	_	7 E	06	31.33	P1
		7 E	07	33 33	P 2	-	ű8	33.93	P1
		75	11	36	P 2		26	33.73	PZ
		76	10	40.62	Pi		16	43	P 2
		7 E	18	44.50	P 2	•		,,	• •
010614	BEFORE START PROC-10	7 G	24	G	PZ	7 M	12	1.5	PZ
	(LIGHTS/ENG START/	7 M	13	3.5	P 2	3 R	47	5	P1
	FLIGHT DIREC)	3R	48	6.5	P 2	3 V	19	ġ	P1
010015	BEFORE START PRUC-11	ŝΚ	91	0	P1	5 K	02	3.5	P1
	(COMPASS/ADF/RMI/CI)	ōΚ	V3	5	P 2	TPC	10001	5	P1
		18	06	5		ΙP	03	7.5	C P I
•		0 (	23		P 1		21	. 9	CP1
		26	03	7.23	P1		21	11.26	C P1
		35	14	9 • 48	79.1 P1		14	10.26	29
01001/	BEERST TARE SOURS 12	35	14	13.55	CPI	35	14	14.31	CF2
010019	BEFORE START PRUC-12 (ALTIMETER)	TPU	33	€ 2•5		1P	06 03	ე 3	F1 P2
	(ALITHETER)	3H	() 5 () 4	3.48	92		ů3	_	CP3
		3rl	04	3.78	CPZ		04	3.5 7	CP1
		3 H	J 4	7.5	P1	٠		•	0,1
C+0017	BEFORE START PROC-13		6 i		P 3	3 L	01	G	CP3
	(VSI/MACH AIRSPEED)		1003	3	CPI		26	3	P 2
		18	(,3	9	21		62	15	F 2
		34	02	έÚ	CPI		05	15	P3
		34	5 ن	13	CPZ	3 A	34	10.2	P1
		34	04	10.2	CPI	3 4	07	13.2	Р3
		3 A	07	13.2	Р3				_
C10019	BEFORE START PRUC-14	-	ÜŽ.	0	P 3		91	2.24	Ρ1
	(CLOCKS/STOBY HOR)	ЗN	0.2	0	CP3	314	ŭ1	2.24	CP2

		38	49	5	P1	3 P	01	ô	P1
	•	3 P	04	10.7	P 1				
010019		7 C	72	0		,7C	09	. 1	P 1
	(FUEL GTY TEST)	7 C	10	2.12	P1		11	4.14	P1
010020	BEFORE START PROC-10		10004	. 0	5.1		02	0	c P 1
	(EPR/OIL GIY/VIBR)	38	04	1.5			11005	3.5	LPL
		10	0.6	3.5	CP.		23	0	Pi
	•	16 16	25 27	6.5 9.33	_	7+ 7f	26 3∪	9.33 11.33	. r3
		7F	28	13.35		7 F	29	13.65	P1
		76	20 04	13.35		7 F	11	17.2	Pi Pi
		7.6	19	17.25	ΡÎ	7 r	)1	23	ri
	·	76	03	24.91	_	7 F	iż	20.35	P 3
		7F	2ΰ	28.37	ρā		<u></u> 2	30.39	۶1
		16	03	32.30	P 3		± ¢	33.74	P3
		7F	20	35.70	Р3				
C10021	BEFORE START PROC-17	4 D	4.8	0	P1	4 D	36	1.04	Pl
	(ANTI-SKID/ANTI-BRK)	4 D	49	1.56	P1	4D	40	2.66	P1
010022	BEFORE START PROC-16	6 A	10	0	ř 2	IN	02	۷.38	, P2
	(CENTER STAND LTEMS)	45	12	4.31		46	43	6.31	P1
		48	L 4	7.51	P 1	7M	14	10.05	P 2
		40	50	10.83	P1	4G	15	11.80	F1
010023									
010024									
C10C25	-							,	
010026									
010027 010628							•		
010629									
010027	BEFORE START PROC-20	7 H	17	o	CPI	7 m	14	5	CPI
013030	(OXYGEN SYS)	7H	11	٤.4	CPI		42	1.0	UP L
	(Ox10211 3137	74	10	14.8	CPI		23	13.2	CPI
		7H	13	17.2		7 d	12	10.6	CPI
		7H	24	20.1	CPI	7 H	11	ز 2	CP1
		7H	24	26.4		7 H	12	30.4	CP1
		7 H	(+8	2 د	CP1	7 त	25	33.3	CPI
		7H	69	37.3	Cbl	¥₽.	23	42	CP2
		15	15	44.35	CPI	7 H	13	50	CPI
		69	04	<b>⊥</b> 0	CP1	g c	)1	<u>i</u> 2	CPI
		3.6	02	1 8	CP1				
010031	DETERMINE EPR, VI,		LOUC4	Ü			17000	3	UP1
	AND V-REF BUG SET	9 B	0.1	33			15057	35	CP1
616/22	VALUES	- <b>5</b> €	01	1 5	CP2	900	10005	1 7	CPI
	TUNE CUMM RADIÚS SET VHF+1L TO	14	10002 61	ü	CP3	1 A	CZ	0	CP2
010033	CLEARANCE DELIVERY	14	03	2.48	UP1	-	J5	5	CP2
	(121.05) AND REQUEST	lΔ	17	6.43		14	19	1.75	ÛP4
	CLEARANCE	ΙĀ	24	10	CPI	ÎA	11	11.42	CP1
		-	10055	11.42		1A	14	18	CP1
		-	0650	10			10057	22.26	CP1
			LUCSB	22.94	CP1	IPO	10059	33.52	C PI
	• •	86	v1	24	CP1			37	CPZ
		1 A	11	30.42			1 10 9 0	38.42	CP1
		_	100e1-	42.U8			10073	40.76	CPI
		ÌΑ	14	49.4			13062	49.4	CPI
		-	10003	52.9	CP 1		31	24	CP2
		LA	24	26	L P 3		11	57.42	C P1
		-	0064	57.42	CPI		2.2		
010C34	SET VHF-2k TJ ATIS	ř B	37	U	CP3	1.5	0.8	ũ	(45

	(111.1):	19	09	2.66	CP1	18 06	4.00	CP1
		61	11	0.31	CPZ	18 04	8	CPI
		18	18	6.31	CPI	19010065	0.31	CP1
		1901		10.39		10010067	15.83	CP1
		1901		21.27		19010069	26.71	CPI
		1731		32.15	CPI		11	CF1
						35 01	4.1	CFI
		l o	12	37	CP4			
010045			C-6	0	CP3		2.8	CP1
	TU 2213	TN	Ob	2.0	CP1	1N 16	8.21	CP1
		IN	<b>≱</b> 6	8.21	CP1			
010036	SET RADAR	6 A	62	U	C 5 S	6A 14	2 • 06	CPl
		6A	61	5.93	Lri	5A 09	4.14	CF1
010037	SET VHF-1R TO GROUND	390T	0002	ວ	CP1	1A 07	5	CP3
	CONTROL (121.9)	14	08	2	CPZ	1A 09	7.48	C P1
010038	SET VHF-2L TO			_				_
	ATLANTA TOWER (119.5)	1.6	91	0	CPZ	32 ن	O	CF2
		18	03	2.9	C P I		•	٠. ٤
010039	SET NAV-1 10 ATLANTA			- 6	CPI	30 ن	ż	CP3
010037				_		-		
	VOR (115.5)	50	üΖ	, 5	CP 3		. 9	C P-2
		5 U	11	li	CPZ		13	CP2
010040	SET NAV-2 TO SPAR-	۶V	01	O	CP3	•	0	CP2
	TANBURG VOR (115.7)	٥V	U3	2.93	CAT	5V 11	. 5	CP1
		ż۷	12	7.5	CPZ			
010041	SET ADF-1 TO LAKE-	0801	JCC2	ن	CF 1	JD 19	5	CP3
	SIDE LOM	50	0.2	8	CP3	50 91	8	C P2
010042	BEFORE START PROC-19	7 G	14	С	Pί	46 37	خ	P1
	(LITES/TRIM/PAPERS)	46	õi	10	PĪ		15	و ۹
	talica in the transfer of the	3861		20	PĪ	10 32		
010643		3 9 0 1	000.5	20	' -			
010644 010645 010046 010047 010048 010049								
	BELEDOR LIVOR CHEEK	100:	2001			2.0	•	0.2
0.101.30	BEFORE START CHECK-	1631		Ú	21		Û	CP2
	LIST - 1	<b>↓</b> P	C 3	2	CP 1		. 3	CP3
		33	Ú 5	9	CFZ		14	CP1
	•	TEGE		16	CPI		ĹĠ	P 1
		1901		19	P 1		19	LP3
		3 5	0.3	22	ChT	19010009	24	CPI
		iΡ	υZ	24	F 4	10013610	26	PΙ
		15	0.6	26	23	36 <b>03</b>	27	CP 1
		1261	0011	49	Cri	16 05	29	P4
		1261	0012	30	P1	iP 36	3 C	CP3
010051	BEFORE START CHECK-	58	03	0		1PU13013	2	LPI
••••	LIST - 2	12	10	2	PI		ذ	P1
		1501		4.21	Ρĺ		4.21	LP4
				5		12010015	7	C P1
		33	( 3 0 6	-			-	
		10	0.5	7	P4		7.5	P 2
		70	10	9.77	P1		179	P1
		/C	70	13.09		Thatante	15.48	P1
		19	97	15.46	CPI		20	CPI
		1901		3.5	CLI	-	22	P 2
		7 H	93	22.7	P 1	17010014	24.5	P1
		Į P	6	24.5	CP4	56 <b>33</b>	25	CP1
		1001	0019	27	CPI	15 13	27	P 3
		iu	эH	2: •2	PI	19323019	29	Pl
		12	10	29	Cr4		30	UP1

				10010	620	32	CPI	Tb.	02	32	P2
				7 G	48	34	Pl	190.	LUUZI	35.27	P1
				19	06	35.27	CP4				
010052	BEFORE	START	CHECK-		ij3	0	CPI	iPJ.	JU622	2	UP1
	LIST -	3		1 P	1.)	2	٢1	7 A	<b>32</b>	3	PΙ
				10010	026	5	٢1	1 P	٥7	5	CP2
				38	03	6			LU023	8	C F 1
				12	02	8	₽≥	7 D	7ه	¥C.	٢1
				70	63	11.35	P 1	7D	54	12.1	P1
				<b>7</b> D	05	14.01	21	70	აგ	14.76	P 1
				10010	024	15.55	P 1	10	37	15.55	CP3
				3 8	ů 3	18			LU025	20	CPI
			•	1 P	11	20	P1	4H	74	20.0	٢1
				19010	(27	22	21	19	37	22	CP4
				88	03	23	CPI	LPU.	10028	25	( 4.7
				1P	<b>±1</b>	25	P 2	170	LUÜ29	. 26	PΊ
				19	00	26	CP3	58	03	27	J D 1
				IPOLL	, L 3 C	29	CP1	19	11	27	P 3
				4D	38	ناذ	P1	1901	LUU14	اد	21
				1 2	-06	31	CP4		23	32	CPI
				10010	0031	34	CPI	10	11	34	ř3
				40	44	35	٢1	190	10032	30.5	PI
				ΤÞ	06	36.5	CP4				
010653	BEFORE	START	CHECK-	38	0.3	Û	CP1	1501	.0033	2	Ŭ P∔
	LIST -	4	CHECK-	<b>⊥</b> P	ü2	- 2	24	173.	10034	4	CPI
				44	15	4	₽3	38	03	9.5	CP1
				12010	0635	7.5	CP.L	1P	11	7.5	P2
				4 F	12	9	rl	1901	10030	11	PΙ
				15	1.6	11	CP3	ಕ ಕ	0.3	12	CP1
				19616	037	14	CPI	⊾ P	7.)	14	65
				40	27	14.7	5.7	1901	الاذنانا	10	P 1
				⊾ P	36	18	CP4	38	<b>J3</b>	18.5	CF1
				10010	1639	19.0	CPI	Ĺ٢	- 11	19.5	P4
				4 G	6.8	21.2	P 2	¥ 6	10	22.45	Ь 3
				15.07.0	. 26	24	řl	12	07	24	CPZ
				9.8	0.3	25			10040	27	CFI
				P	32	27	P 2	7 P	14	29	Pl
				10010		30.5	ÞΙ		06	30.5	<b>LP3</b>
010054			CHECK-		<b>U</b> 3	C			10041	2	CP1
	LIST -	5		16	0.2	2			10042	روف	₽1
				16	01	3.5	CPZ		J3	4.5	CPI
				15010		7	CF1	15	11	7	P2
				15010		8	CPI			ġ	P 2
				3 13	£3	9			.0645	1.1	CPl
				1 P	J2	11		1961	3600	13.5	LP1
				15	10	13.5	94				
010055			CHECK-			O.		⊾P	11	Ÿ	ij₽4 100
	LIST -	6		ВÞ	33	2			J246	4	JP1
				Ϋ́Þ	0.2	4	Ρ4		30	ة و د	£3
~ .					20	7.95			.0047	10	P1
				18	C S	10	CPI		<b>.</b> 3	<b></b>	CP1
				16010	1048	13	CPL		11	13	P3
				7)	01	14			.30+9	16.5	P 1
				16		10.5	245		03	13.2	C P 1
				15010		20.2	CPI		.0014	26.2	P 3
				76 10	25 04	22	CP+			24.5	P.L.
				1P	06	2+.5			د <u>و</u>	2:	(P1 P4
				12010		27	CPI	16	11	27	74
	•			38	U 9	64	uri			•	

								•	
010056	CONTACT GRJUND CON-	1 4	06	0	P 3	iΑ	25	2.3	PI
	TROL FOR PUSHBACK	14	11	2.3			10070	2.3	P1
•	CLEARANCE		6671		P1				
	CLEARANCE	-		6.3	_	_	14	11	*2
		15.01	.0072	11	_		LJ075	15.5	*1
		1 A	25	<b>18</b>	PZ	1 A	11	18	Р3
		1 901	0064	- 18	P 1				
010057	PUSHBACK PROCEDURE-1	1 6	07	0	P 1	1.6	06	2.44	Р3
0.007	TOSTIONE TRANSPORT	ĬΗ	01	4.43	Ρĺ	_	20	10	P 2
					_	_			
*		16	11	10	-		10053	10	PI
		1F	09	12			10054	12	P1
		7 A	<b>د 2</b>	13	P4	7 A	04	15.75	P3
		40	52	17.5	P1	8 A	03	010	10 P4
010058	AIRCRAFT PUSHED BACK								-
	FROM GATE								
010050									
010039	AIRCRAFT STOPPED ON								
	RAMP				•				
010060	PUSHBACK PROCEDURE-2	4 D	28	C	P1				
010061	TOWBAR DISCONNECTED								
	AND TUG DRIVEN AWAY								
010662	PUSHBACK PRUCEDURE-3	1933	areas.	0	*1	خا	. 09	o	P 2
	BEFORE START PROC-1A					41	. 09	v	F 2
020001		4 A	70	U	P1				
	(LITES/SEATS/PEDALS)								
0200:02	BEFORE START PROC -	7 i	24	0	₽2	7 m	12	1.5	P 5
	1GA (LITES/ENG STRI)	7 M	13	3.5	P 2				
020003	BEFORE START PROC -	2 3	23	0	P 1	21	24	2.27	P1
	10B (EADI)	2 j	26	4.54	P 2		32	5.87	PŽ
020004	BEFORE START PROC -	2 K			_		04		_
020004		-	03	Ö	P.1			2.64	P.1
	10C (MED - CAPT.)	2K	ü2	5.64	12	_	<b>37</b>	7.61	PΖ
		źΚ	lő	9.53	P 1	2 K	19	11.0	Р3
		2K	25	12.98	. P1				
020005	BEFORE START PROC -	2H	52	0	P 1	2 H	· 53	O	P1
	10D (AGCS)	2H	54	2	71		53	4	P1
	100 (MGC3)	_			_				_
		2H	02	4	Ρl		69	5.05	P1
020006	BEFORE START PROC -		0001	G			20002	3	P1
	15A (FUEL 211/V-REF)		02	6	Pι	7 C	J3	٥	PΙ
		7C	07	10	P 1	7 C	<b>01</b>	11.5	P1
		3802	CCC3	14.1	PΙ				
020007	BEFORE START PROC -	21	36	ΰ	Pl	2.3	37	2	P1
02000.	18A (CKT≱S)	<b>∠</b> ≺	54	4	Pi		35	Ė	P1
	IOA (CRIPS)	_			_	٤N	25	C	r I
		2L	02	8	Р1			_	
020008	CO-PILUT SEATED	3 C	¢3	O	CPT		.02	. 3	CP1
		44	46	13	CP1	44	76	16	CPi
		3 ⊾	<i>6</i> 3	19	CP 1				-
020009	SET VHF-IL TO	19	61	C	CP4	10	32	C	C P2
	CLEARANCE DELEVERY	14	03	š	CP 2		05	4.97	CPZ
	(121.05)	14	12	6.42	CPZ		11	0.76	CP2
	(121.0)/								
		14	14	11.50	CP3		75	11.5t	CP1
			0055	11.56	Chi		16	i 5	CP1
		19 02	0001	<b>.</b> 6	C 5 J	150	20002	22	CP1
•		1902	0603	26	CP1	10	14	30	CP4
		13	15	3 <b>C</b>			20034	3C	CP1
			0005	34			20000	38	CP1
				43				43	
•		19	16				10002		CP1
•			<b>UL63</b>	46.5	CPT		3 غ	زذ	CP1
		7.5	15	50	CP3	150	10064	5υ	C P1
020610	SET VHF-2R TO ATTS	18	07	C	CPs	IR	ن ن	C	LP4
	(111)	18	0.9	2.4	CPZ	TK	12	4.48	CP2
		18	06	5.91	CP2		04	7.38	CP3
		18	35	30			13365	5.76	UP1
		4.4		30	UF 3	L F J		3.70	U . I

		16 OT C C	t t	13.04		C51	14(	10057	18.48	C F1
		170100	68	23.92		CPI	100	10069	29.30	CPI
		TECTOR	74	34.80		CPL	nВ	J I	11	CP1
			13	3 9		CP 2	• •			• •
620611	SET VHF-IR TO GROUND	_					1 ()		c	. 0.3
1120111				Ũ		CPL		07	5	LP3
	CONTRÜL (121.9)	10	UB	5		CP4	15	09	7.4	CP2
020612	SET VHF-2L TO	iù	01	0		CP4	10	02	U	C F 2
	ATLANTA TOWER (119.5)	10	03	3		CPZ				
020013	SET NAV-1 TO ATLANTA			Ū		CPI	5:4	01	5	CF3
020013				_					_	
	VOR (115.6)		02	5		CP2	<b>⊃</b> ₩	ű3	7.37	C P 2
			5ن	9		CP2				
020614	SET NAV-2 TO ATLANTA	5 X	(:1	Ü		CP3	ĩΧ	0.2	ું .	CP2
	VOR (115.0)	5 X	03	2.95		CP2	ЭX	Ü5	4.6	LP2
020015	SET NAV-3 TO AUGUSTA					CPI		91	5	CP3
020017			02				•		ر 12ء	-
	VOR (113.9)			5		LPZ	- 7 1	03	0.12	CP 2
			C 5	9.8		CP1				
020016	SET CRT#S	2 J	36	Ü		CP1	2 J	<b>37</b>	Ž	CPI
		2 K	54	4		CP1	2 K	<b>5</b> 5	6	C P1
			02	8		CPI	_		_	
620/17	NCDU TEST			ő		CPI		09	2 - 7	. 6 :
620617	MCDO 1531		61	_		_	2 L	09	2.07	UPI
			C 1	7.67		CP1				
023618	SYSTEM STATUS CHECK	2 L	t B	O		CP3	2 L	16	1.46	CP3
020019	PRE-FLIGHT FLIGHT									
	PLAN INITIALIZATION									
	PROCEDURE									
		3.4					•			
020020	MFD SET-UP		62	0		CP4	_	10	2.07	CP4
	•	∠K	19	4.05		CP1		21	5.43	CP3
		2 N	22	6.64		C P 2	2K	07	d.14	CP3
020021	INITIALIZE PAGE -	2 L	£3	Ú		CPI	<b>4</b> L	19	1.48	UPI
	TIME UF DAY INPUT		62	3.02		CP3		28	5.06	CP1
	THE BE DAT INFO				,		2 L	20	3.110	CFI
			20	15.51	1		_			
020022	TIME OF DAY-08:15:45	21	35	7.41		CPI	2 L	3 3	3.70	C P 2
		26	26	10.11		CP3	ŽL	3.5	11.46	O PI
		2 L	29	12.81		CPI	2 L	30	44.1t	CP1
620623	INITIALIZE PAGE -		19	(-		CP1		20	2.34	C P I
,024423	ORIGIN INPUL		. <b>7</b>			1CP2		20		i 10P1
					4		_			
020024	URIGIN NAME - LATL		45	3.79		CP2		3 <b>7</b>	5.14	CP2
		SL	56	0.6		CP 2	2 L	40	8.35	CPI
020025	INITIALIZE PAGE -	2 L	19	Ü		2 ۲ ي	2L	27	2.38	C P Z
	DESTINATION INPUT	26	<b>ე</b> 7	9.13		1692	2 L	20	11.20	1 10 03
0206.26	DESTINATION NAME-		40	3.26	_	CPZ	_	39	4.55	UPI
02000	DCAI									
			37	6.23		CPI		45	7.68	CPI
020027	INIIIALIZE PAGE-		19	C		CP2		<b>U4</b>	ë•") ق	CP2
	BAROMETER VALUE	2 L	۷9	4.45		CP2	26	67	12.55	1 10F2
	INPUT	2L .	20	14.74	ì	1093				
020028	BAROMETER VALUE -		27	5.91	_	CPL	2 i	4 ز	7.20	CPI
<b>4</b> 20%23			-							
	29.86		36	b • ċ i		CPI	21	33	9.90	C F 2
			1د	11.31		CPI				
020029	REVIEW NEW DATA ON	2L	ù <b>7</b>	ı		C b 3				
	INITIALIZE PAGE FOR ACCURACY									
	SELECT ATC CLEARANCE	2L	£4	Ü		CPI	2 L	<b>58</b>	2.03	CP2
	PAGE									
020031	ATC CLEARANCE PAGE-	2L	5i	. 0		CPZ	21	üδ	h = 35	1 1CP1
J = - U J I	SID INFUT									
020022			14	10.59	1			20		1 1CP3
020032	SID NAME - SOCAL		55	. 1.46		CPI		51	2.81	C P1
		2 L	39	4.16		CP1	2 L	34	2.54	CP1
		26	43	6.04		CP2				
020033	DETERMINE NAME OF		14			2CP1			,	
	TELETINE HAVE D			·	_	1				

	NO THIOPYAW TIXE								
٠.	SID SUC9L								
020034	ATC CLEARANCE PAGE-	2 L	37	U	CP2	5 F	08	0.03	1 1CP1
	WAYPOINI INPUT	2L	23	9.17 1	1C P 3				
020035	WAYPOINT NAME - SIDS	2 L	55	1.46	CPI	2 L	45	2.81	CP2
		2L	40	4.16	CP2	2 L	۷ و	5.40	UP1
020036	ATC CLEARANCE PAGE-	2 L	38	. 5	CP.2		ÜB		1 10P1
32030	AIRWAY INPUT	2K	17	9.31 1			20		1 1cP3
020637	AIRWAY NAME - dier	2 L	33	1.48	CPI		26	2.92	CP3
020031	AIRWAI NAME - OIGN			4.27	CPI	_	_		
00.000	DETERMENT AND UP	2 L	31			2 L	24	5.62	CP1
020038	DETERMINE NAME OF	2K	17	Ü	CP1				
	ENTRANCE WET ON STAR								
	JASONO1 .								
020039	ATC CLEARANCE PAGE -	2 L	52	O	C P 2	2 L	C 8	7.08	1 iCP1
	STAR INPUI	2K	17	9.42 1	. 1CPI				
020640	STAR NAME - WOOD	2 L	29	1.46	. C P 2	24	<b>2</b> 1	2.92	CPI
		2 L	5.1	4.27	CPI	ŽL	+0	5.02	CP3
020041	CHANGE MED MAP	2K	10	0	CP 4				
	SCALE TO 32 NM	-							
023042	SELECT FLIGHT PLAN	2L	65	G	CP1	21	39	2.03	CP2
020010	PAGE 2	2L	65	4.11	CP3	_	10	5.46	UP2
020063	REVIEW PROVISIONAL	2L		7.11	CP2	_	17	2.08	
020043			69			Z.N	41	2.00	CPI
	FLIGHT PLAN DATA	2L	24	4.35	CP2				
020044	ACCEPT PROVISIONAL	2 L	έl	0	CP4			1.52	CP2
	FLIGHT PLAN	2 K	17	3.6		193	20007	5.37	CPI
	•	16	17	. 5.87	P4				
020045	BEFORE STAKT CHECK-	8 B	03	0			20008	۷	CP1
	LIST - 5A	16	10	Ë	P 1	TPO	20009	3	LP1
	•	1P	Сb	3	P3	88	3 ب	4	CP1
•		12020	0010	٥	CPI	1 P	ΙĴ	5	84
		10021	3669	6.6	CP1	1.9	G6	5.6	Р3
		3B	0.3	7	CPI	100	20111	9	CPI
		10	16	9	P 1				_
		14021		10	CPI	ìř	06	it	P.3
		313	Ú.3	11			20612	دا	CPI
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		19	09	14	JP3	210	.0013	4	· •
	CONTACT CODING OFF			6	CF2	1	3.6	1 6 6	(1.3.1
020046	CONTACT GROUND CON-	10	06				24	1.45	CP1
	TROL FOR PUSHBACK	10	15	4.45			10070	1.45	CPI
	CLEARANCE	TENT		5 • 45	üPi	_	16	9	+ 3
		1001	JC12	9			10075	13.50	*1
		10	24	15	CPZ	ĹΟ	15	15	しゃら
		1901.	j C & 4	15	CP1				
020047	WAYPOINT NAME - AGEL	2 L	37	1.46	CPL	2 L	43	2.91	CP2
		٤L	41	4.27	CPI	2 L	26	5.62	CP3
030601	ENGINE NO. 2 START-UP	1A	25	Ü	₽3	IPO.	20006	2.35	₽1
		1 f	11	2.35	72	16	:)9	5	P2
		1203	1601	5	Pl	7.1	35	. 7	P3
		76	24	19.54		7F .	22	20.24	P2
		711	69	23.06	ΡÀ		17	25.57	P 2
		76	32	27.09	Pi		34	24.01	P1
					P1				
		7M	15	31.05			24	3++15 38+69	P2
		7 F	32	36.67	ΡŢ		34		P <u>1</u>
		16	30	40.71	P1		22	42.73	P1
		76	17	44.75	PI		11	2.35	CP2
		7F	24	12	CP4		22	10	CPI
		7 F	17	25	CP1		32	28	CP1
		iF	34	31	CP1		24	35	CP1
		1F	32	37. J2	CP1	7 F	34	34.04	CPI

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		,	/F	17	45.10	CP1	7F	24	47.12	CPI
		,	16	32	49.14	CP1	7 F	34	51.16	CP1
030062	ENGINE NO.1	START-UP	14	25	0	P3	1 F	11	1.45	P 2
				0003	1.45		1+	09	5	P 2
			1903		5		7 M	02	7	. P3
			7F	23	10.54		7 F	21	20.54	P 2
			7 M	C7	23.06		7 F	09	25.57	PI
			7F	31	27.62		7 F	33	29.64	ΡĪ
		•	7 M	16	31.66		7 F	23	32.96	PZ
	•	•	7F	31	34.95		76	33	37	P1
		•	7F	25	39.02	P1	7 F	21	41.04	ΡÎ
		•	7F	. 09	43.06	Pī		23	11	CP3
		*	76	21	21		7 F	. 09	23.52	CPI
	•		.7F	31	22.57	CP1		33	27.39	CPI
			7F	23	29.61		7 F	32	31.63	CPI
	•		7 F	31	33.65	CPI		25	32.67	CPI
				21	37.69	_	7F	ÜŸ		_
020602	AFTER START	O B I I C	7+		0		78	42	39.71	CP1
030003	AFIER START	PRUC.	7B	32 31	•	P1		41	4 22	P.1
		•	78	_	3.44				4.03	<i>P</i> 1
			73	24	4.67		73	26	7.37	29
			7 J	28	8.79	_	73	30	9.92	P1
			73	32	11.05		7,1	34	12.18	P1
			75	36	13.32		15	38	14.40	P1
•	•		70	10	15.6		70	13	17.15	P 2
			73	16	18.27		70	19	19.39	P1
			70	22	20.59		7 G	25	21.03	. P1
			79	2 8	22.75		70	<u>ا د</u>	23.87	P1
	•		7D	U5	24.99		70	19	27.68	F 2
			70	14	29.2		7 D	34	30.73	P1
			7 L	11	31.01		7Ē	15	33.56	Р3
			7 M	. <b>L3</b>	36.64	P 4	i M	36	30.36	P4
			7 M	ų B	40.12		7 m	10	43.12	P 2
030004	AFTER START	CHECK-	LPúá	∪ C ∪ 4	n		1 P	20	U	CPl
•	LIST - 1		ನ ರ	liż	1.5	CP 3		ગ૩	1.4	C P1
		•	1503	0005	9.4	CPI		11	9.4	P 2
			7 B	١٤	13.2	P 2	7 B	41	11.12	P 1
			1603	0006	12	<b>P1</b>	19	<b>⊌</b> 8	12	CP3
			5 B	<b>63</b>	13.5	CbT	Tha	30J07	15.5	r b T
			19	11	15.5	P3	15	45	10.4	PI
			73	46	17.87	5.7	190	LU014	19.	f 1
			T b	06	19	C 14	40	)3	19.5	361
			1903	U( U8	21.50	P1	15	11	21.5	PЭ
			T P O 3	<b>UCU9</b>	22.40		1 P	06	22.4	LP3
030005	AFTER START	CHECK	88	23	C	CP1	193	30010	2	CP1
	LIST ~ 2		1 P	10	2	Ps	10	10	3.6	P 1
			70	22	4.0	P 1	7 c	35	<b>3.</b> 6	F1
			APU 5	OCII	6.3	P1	19	<b>39</b>	6.3	CP1
			88	C3	2.0	CP1	APO.	33012	9.6	( P1
			15	11	9.6	P3	7 m	11	16.5	P 1
			1 P 03		11	PΙ		38	11.1	CP4
030006	AFTER START	CHECK-	o B	03	Ü			30014	2	CFI
	LIST - 3		10	11	2	P 2		20	· 3	P1
			LP J3		3.75	PĪ		06	3.75	CF4
			38	63	4.25			10016	6.25	UP1
			10	13	0.25	P 1	-	14	2.25	Pl
			1903		8.55	ΡĪ		06	5.50	LP4
			33	63	9.05			30018	11.05	JP1
			15	12	11.05		υB	96	12.40	CP 1
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030007	ENGINE INSTRUMENT	7F	25		0	CP4	7 F	30		C	CP3
	SCAN	7 F	21		. 44	CP3	7 F	22		. 44	CP3
		7 F	31		.88	CP2	15	32		• 5 8	CPZ
		7 F	23	1	. 32	CP4	7 F	24		1.32	CP4
		7 F	33	1	.76	CPZ	7 F	34		.76	CP2
		7 F	C9		2.2	CP3	7 F	23		2.2	CF3
		7 F	10	2	.64	CP4	7 F	Į۵		2.64	LP4
		7 F	11	3	. CB	CF3	7 F	19		3.08	CP4
		7 F	12		•52	CP 4	7 <i>F</i>	20		5.52	CP4
040001	TAXI PRUCEDURE - 1	14	20		Ö	PΙ	LΑ	12		O	P1
	(TAX1 CLEARANCE)		40035		Č	P 1		14		خ	*3
			40036		5			40037		8.5	* *1
	•	iΑ	16		13	PZ		11		13	P1
•			40038		13			40039	14	5.75	P1
040002	TAXI PROCEDURE - 2	O A	02		Ū	P 2		52	_	ΰ	P1
•	(TAXI FROM GATE TO	411	02		ĭ	73		03		ĭ	P4
	TAXIWAY D)		70011		ź	P1		10		5	CF1
	12441	4 E	09		ó	CP3		15		16	CP3
		48	15		13	CPI		10		20	CPI
	•	37	26	22	.07	CP 1		28		.26	CPI
		7 A	33		28	CPI		21		30	CP1
		4 A	22		32	CPI		23		15	P1
		4 M	(1		15	P2		58		lo	P1
040003	TAXI PROCEDURE - 0		. 62		٠,	P 3		01		ő	P4
040003	(TURN ONTO TAXIWAY	48	65		10	PI		22		10	94
	D AND TAXI TO HOLD		29	1	16	PÎ		38		12	Pi
	POINT SHORT OF	••	• '	•				3.0	•	• •	' •
	FWY-08)										
040004	HOLD SHORT OF RAY US								-		
(,40104	FOR DEPARTING AND										
	ARRIVING TRAFFIC										
040005	TAXI PROCEDURE - 4	ìΑ	14		O	3	100	40001		G	*1
040003	(CROSS RWY OB AND	14	10		4	P3		11		4	P 3
	TAXI TO HOLD POINT				4		4D	52		8	P1
	AT TAXIWAY C	49	63		8	P 2		:2		3	24
•	JUNCTION)	44	Ú3		ò	Pi		15		3 Ü	¥1
	304011047	•	40030		30			40031		33	*1
		14	11		35			40003		35	_
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040006	HULD AT JUNCTION OF	40	€ 0		23	٠. ٢	70	, ,		,,	r 1
0402110	TAXIWAYS C AND D FOR										
	TRAFFIC TO CLEAR										
040007	TAXI PRUCEDURE - 5	4 D	<b>52</b>		٥	PI	44	<b>U</b> 3			F 2
040001	(TAXI FRUM JUNCTION	34	04		ű	Pl		J3		4	P 2
	TO TAXINAY L )	14	15		30	-		40032		3:)	*1
	IU TAXIMAT E /		40032		33	_	14	25		35	C+4
		14	12		35			40034		35	CP1
		18			40	CP3		28	1	44	P2
		_	11	•				. 20	1	77	F 2
040000	TAXI PROCEDURE - 6	4 B		1	44	72 74		23		υ	P2
		4 M	01				3 A 4 M				
	TURN ONTO TAXIMAY L		03	1	10			03		13	P 3
	Y#P GTM1 IXAT OMA	40 	28	1	40	P 2		J3	1	46	F 5
0/001-	9L HOLD AREA )	4 M	. l	1	40	-		۷۵	1	50	P 2
040619	TAXI PROCEDURE - 1A	10	24		Ç	2 / 3	-	28		C	CPI
	(TAXI CLEARANCE)	-	40035		(·	CP1		10		4	CP2
			40036		4			40037		7.5	CP1
	•	.13	.4		-1	CP3		15	•	11	CP1
040011	TAVE NO DESIGN		40(38		11			+3039	1,	4.75	C F1
OHUULI	TAXI PRUCEDURE - 44	10	16		C	. 684	I P U	45051		Ç	LF1

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		4 M	<b>U</b> 3	8		P1	10	30	30	C P1
		12040	030	30		CPI	195	40031	33	CP1
		10	23	3 5		CPI	10	<b>ذ</b> 1	35	CP3
		10	23	3 ວ		CPI	10	15	35	CP3
		19040	003	35		CPI	40	28	<b>53</b>	P 2
		48	(3	53		P 1				
040612	TAXI PROCEDURE - 5A	40	52	O		P1	46	<b>U</b> 3	1	P 2
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		18	12	40		CP2	40	25	1 44	P 2
070001	BEFORE TAKEOFF	IP070		ű		Pi		02	ີ ່າ	
0.0002	CHECKLIST - 1	CB.	52	ز.1		CP3	38	03	์ 8	_
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		19070		11		CPI		0.7	11	CP4
		88	(3	12			_	70015	14	P1
		12	10	14				70014	15	P1
		1 P	0.7	15		CF4	68	u3	16	_
		10673		16			1P	40	16	P4
			16			CPI		05		CP2
		4c 10070		15.5					21•i 22•5	-
070000	SEEDS TAKE DEE			22.5		CF1	19,	3000		C P 3
070002	BEFORE TAKEOFF CHECKLIST - 2	oo lr	03 10	0 2		¥3	46	7001o 03	2 3•2	PΙ
	CHECKETS! - E	14976							5. Z 5. 7	. –
		-	_	5.7			19	- (29 7 (4) (4		CP2
		38	33	7.1		CP1		75019	9.1	P1
_		75	10	9.1				70020	.0.i	CP1
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		10070		15		CPL		16	13	F1
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070003	BEFORE TAKEOFF	3 23	63	U		Chi	-	10025	2	CPT
	CHECKLIST - 3	15	10	4		P	-	53	3.5	CP1
		5A	1.1	5.43				70026	7.0	JP1
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•		19070		9.5		CPI		02	9.5	P1
		7 G	17	11		P1		75526	13.2	FI
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		14020	€13	16			16	12	16	₽3
		88	OB.	17		CP1				
070004	CLEARED TO TAXE UNTO		14	0		CP1		15	Ú	CPT
	RUNHAY 9L	1070	しぐら	Ç		CPT	Tbn	70016	3.6	CP1
		18	is	6				79337	5	*1
		18	14	9		CP 2	16	15	9	C F 2
		10070	C 68	9		CPI	+9	52	13	₽ı
		43	()3	14		P 2	ΨM	C1	- 14	P 4
		46	0.3	24		P1	40	28	27	P1
	•	₹4	l. 4	10		P 3				
070005	RECEIVE TAKEDER	19	13	o				75569	0	+1
	CLEARANCE	18	14	3		Р3	13	15	د	Р3
		12070	610	3		Р1				
070006	TAKEOFF ROLL	94	L Ž	C		P 1	44	64	9	2 P1
		48	05	0		PL	7 F	29	3	1 2 P2
		7 F	54	ذ	: 2	2 23	48	Эó		l 1 P1
		7 F	27	C	. 2	CPZ	7 F	30	B	1 2CP3
		48	37	10	4 6	CPL	3 A	0.1	14	4 4694

		94	Ü4			2 P4		CT.	23	4 4 Pl
		34	09	20	2	2CP3	100	70001	20	C Pl
		T.b	12	20		24	3 A	03	25	C P4
		1PU700	200	27		CP1	ıΡ	11	27	P3
070607	ROTATION, FLARE, AND	3 A	U6	0		CP4	1 P 5	70003	1	CPi
	GEAR UP	1.9	11.	1		CP3	4 A	24	2	7 3 P1
		3 Δ	01 -	4	2	5 72	3L	01	10	5 5CP4
		4 D	0.1	10	2	20 P 2	40	07	15	2C P 2
		4D	39	16	_	2C P 3		•	-	
070008	SET HEADING BUGS TO	33	11	ű	٠	Pl	35	12	5	Р2
0.000-	090 DEG AND COURSE	33	īī	. 5		CPI		12	10	CP2
	BUGS TO 105 DEG	<b>J</b> J		•		0, 1	,,	1-		• • -
070009	SET EAD! AND MED FOR	2 K	C1	ن		CF4	2 K	25	2.67	CFi
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	TANEGIT	21	32	9.66		CP1		15	14.81	CP1
	•	2K	14	7.39		CPI	20	40	11.01	CFI
070610	TAREBEL DATE - A						4:	13 H	•	c •
670010	TAKEOFF RULL - A	öA 7F	02 29	0	ı	2 P2		ひ5 34	)	F1 1 2 P3
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		48	60		1			υ <b>4</b>	0.00	P3
		8 A	04		_	2 P4		31	2 Ŭ	
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		48	(7	_		_	34	01		4 43P4
		3 A	() Q	20	2		_	70001	25	CP1
		15	12	20			غ۵	03	25	ű P4
		150.100	-	27		CP1		11	27	F 3
070011	ROTATION, FLARE, AND		35	ŷ.			-	170003	1	CPL
	GEAR UP - A	1.5	<b>+1</b>	1		Р 3	4 4	24		2 5 PZ
	•	34	ა1		_	3 P2		31	4	4 4 P4
		3 L	i I	ı Ü	5		+ 0	€±	10	2 SC b S
		40	0.7	15		CP2	ų D	<b>J</b> 9	lo	2C P2
070012	CLEARED IN TAXI ONTO	1 K	23	ō		CP2	1K	36	Ō	C P1
	RUNWAY YL - A	100700	035	C		CPI	110	170006	36	UP1
		LR	32	6		CPI	LPC	70007	ن	CPI
		1k	٤3	9		CP3	13	36	9	CP2
		190700	OOB	y		CPI	40	52	13	PI
		48	0.3	14		P2	414	υl	14	24
		43	03	24		PI	40	2 8	27	Pl
	•	A 6	U4	10		Р3				
070613	WAIT FOR TAKEOFF									
	CLEAKANUE									
070014	RECEIVE TAKEOFF	1Æ	2 ذ	0		21	120	73039	J	<b>P1</b>
	CLEARANCE	l K	23	3			iĸ	٥٤	š	P 3
		120700		3		P1	•	•	-	
070016	BEFORE TAKEUFF	5 B	is	งั			إنوا	70030	2	CP1
0.0017	CHECKLIST - 34	Y P	10	ž		ř2	Liv	33	2.7	CF1
	· · · · · · · · · · · · · · · · · · ·	19 07 00		4.03		CPI	1P	66	4.63	P 4
		08	ι3	5.13				10001	7.13	CPI
		12	15	2.13			2H	52	5.23	P1
		10070		9.20			μρ.	18	y.20	CPI
									11	CP1
		33	0.3	. 9				70027		
		10.670	02	14.7			76	17	12.7	P 1
		12070		14.7			10	U6	14.7	€ P4
		38	(3	15.2				75(23	17.2	CP1
	ACHTANT COSTOR	19	12	17.2			څ څ	70	17.2	L P1
naucol	CONTACT DEPARTURE	TB	78	C				95001	ن	*1
	CONTRUL (125.7)	140406		O			19	14	6	CP4
		18	15	0				92002	6	CP1
		18	<b>97</b>	۲		Cr3		06	8	CFZ
		13	ü9	10.08		CP1	TB	36	13	CP1

		18	13	14.5		CP3	16	16	14.5	CP1
		19090		14.5		CPI	18	18	18	*4
		19090	005	18		*1	1N	07	21.5	CP 1
		14	18	23.64		CPI	18	19	28	*1
		166041	600	28		*1	16	13	32	C P4
		18	16	32		CP 2	10	590007	32	CP1
090002	CONTROL AIRCRAFT - A	4 A	64	C		P 2	8A	05	0	٢1
090003	FLIGHT INSTRUMENT	3 K	10	. 0		P4	3 L	02	3	P 1
	SCAN - A	3 A	10	0		P1	35	0.1	٥	P 2
090004	CROSS RWY 27R MIDDLE	3 V	13	Ö	5	5 P1	4 A	28	2	2 2 P2
	MARKER, TURN TO HOG	3 S	12	5	2	2 P2				
	105			-	_					
090005	COMPLETE TURN - ON									
•	HDG 105									
090006	RETRACT FLAPS TO	ΔĖ	61	Ú	2	2 P3	190	190022	2.37	2 2 P1
	FLAPS 1. SET CLIMB	1P	10	2.37		2CP+		27	3	2CP1
	THRUST.	4 6	15	5.69		2CP3		V3	7.92	ZCP2
		4 N	0.4	10		_		J90063	11	CP1
		10	07	11			18	ú a	12	Pi
		7 F	25	15		P 4		ا خ خ	15	P 3
090007	REACH 3000 FT ABGVE	3H	20	ű			46	03	2	P1
0,000,	GROUND LEVEL. BEGIN	311	0.2	•		` •	•••	` •	-	٠.
	ACCELERATION TO 250									
	KIAS. MAINTAIN SUC-									
	1000 FI/MIN CLIMB									
000000	CONTROL AIRCRAFT - B	<u>ώ</u> Λ	t:4	ŭ		P 3	9.4	05	v	P2
	FLIGHT INSTRUMENT	3R	56	Ü		P1		02	٥	P 2
070007	SCAN - B	بر ∆ۆ	19	0		P 2	_	91	ن	P3
000010	RECEIVE INSTRUCTIONS	18	19	Ú				190025	3	*1
040010				_						_
_	TO TURN TO HOG OTC	100900		3 7		* 1		24 19002 <b>7</b>	7	P1
	TO INTERCEPT J37	18	16	-		-			7	P1
		1P0900		7	_	_	4 A	28	ä	F3
	DETUACT CLAD. TO	35	12			5 12	1 5.0	000010		
040011	RETRACT FLAPS TO	Αد م	01	0				90022		2 Z P1
•	FLAPS 0.		10		5	50P4 CP3		96	3 7 00	CP3
		4 E	15 (4	5.69 10				03 )40064	7.92	CP2
		4 N							11	C P1
		1 P 7 F	ن7 عد	11		P4		v 3	12	6.T
000612	COMPLETE TURN - ON	/ F	25	15		24	7 F	30	15	Р3
040012										
003/13	HDG C70									
	REACH 250 KIAS	3 3 30 64	1.7	^		0.1				
040014	AFTER TAKEOFF CHECK-			. 0		P 1		10	2 0	C P 2
	LIST	580900		1.2				,93018	3.2	F1
		78	12	4.1		LP 1		13	0.51	CP2
		150000		7.29		CbT		J6	7.29	P4
		380400	-	8				90020	10	CP1
		10	11	10		Р 3		98	11	CP2
		40	11	11.72				93021	12.5	C P1
		17		12.5				90001	13.5	CP1
		120900		15.5		CST		10	15.5	P4
		120900		15.5		Cri			16.5	P3
		)Orone		16			11)	190023	5.3	CP1
		Į.P	69	20		24				
090015	RECEIVE CLEAKANCE TO	_	16	Ü				193629	3	*1
	CLIMS TO 12000 FT	10	24	4		CPZ	15	16	4	CF4
		10000		4		CbT		_		
	CUNTRUL AIRCRAFT - C		64	0		P 4		0.5	0	Р3
690617	FLIGHT INSTRUMENT	34	56	U		P 2	3L	€2	ð	F3

						_		
		SCAN - C	3A 10			35 01	0	P4
		CONTROL AIRCRAFT - D			6.1	8A 05	. 0	P4
	090019		3R 56	-			, 'O	P4
ŗ		SCAN - D	3A 10			35 15	0	P1
ı	090020		35 04	0	5 5 Pl	4A 28	. 2 7	2 2 P4
		BEGIN TURN TO HDG						
		053.	-					
	090021	SET CI COURSE CURSOR	35 12	G	2			
		TD 053 DEG.						
• • •	090022	TURN COMPLÉTED - ON	48 63	0	P 2	7F 25	C	P1
		HDG 053. BEGIN	7F 30	2	1 1 P3	3A 01	2 8	2 2 P1
		ACCELERATION ED 180						
		KĪĀŠ						
	090023	HANDOFF TO ATLANTA	18 19	. 0	. +3	1 P0 90008	С	*1
		EAST DEPARTURE SEC-	1P090009		*1	18 26	7	CPI
		TOR. (123.95)	18 17	7	CP1	19090010	7	CPI
			1P090u11	10.5	CP 1	1B . C1	15	CP2
			18 02		CP2	18 03	17.9	CPI
-			18 28		CP1	18 17	21	CP2
			10090012			10090013	25.50	CP1
	•		19 18			10090014	28	*1
		•	1N 07	32	CP1	16 18	3 3	+4
			12 69 0 C15				40	C P4
			18 10		CPI	19090016	43	CPI
	090024	TUNE COMPANY AND	14 01	· - · · · · · · · · · · · · · · · · · ·	CP3		Ű	CP2
	• • • • • • • • • • • • • • • • • • • •	EMERGENCY FREQ#S	1A G3		CPI	_		CP4
		EHERGENOT TREETS	14 08					ĈP1
-	090025	RECLIVE NOTICE OF	18 19			10090031	0	*1
	0,002,	CONFLICTING TRAFFIC	IP090032			10090033		*1
			8A 02				16	CPI
-	<del></del> .		18 25				12	CP2
	-	•	10090034			1PC90035	16	CPI
	00.0026	BEGIN 500 FT/MIN	1. 0,005		U. 1	21.70033		٠. ٢
	. 070020	RATE OF CLIMB			•			
	000027	LEVEL OFF AT 16000		*				
	-	RECEIVE CLEARANCE TO	1 1 1 1 1	c.	± 2	1P090636	0	*1
-	0 4005 0		12090037		<b>*</b> 1	18 25	7	CP2
		CRUISE ALTITUDE	18 17			10090038	7	CPI
		CROISE ALTITODE .	19090639			11075036	•	C / 1
٠-		CLIMB THRU 23000 FT.				18 25	2	C F3
	0 70027	HANDOFF TO SPARTAN-		_		17,93,45	2	C P1
			10090046	-	CP1		ن	*2
		(133.7)	17090040			19097042	12.5	*1
		(1334//				•		
			18 25 19090043			-	17 20.7	CP4
_						10033044		C P1
		_	18 67	-			23	LP2
		•	18 09		_	_	28	CPI
_			1B 28		C P Z		30	CF4
			1P090045			1P090046	33.7	CP1
			18 19			12030647	38	*1
			19090048			IN 37	45	U P1
			1B 25				47	CP3
	00000	BC01. MAGN	1P090049					
	040030	BEGIN MACH 0.65	3 h 01	. 0	F 3	4B 03	c	P2
		SPEED SCHEDULE						
	090031	CLIMB THRU 28000 FT.	_			18 25	3	CP2
		REPORT TO ATC.	1B 17		-	19390030	. 3	CPI
			18 20		_	*604002T	9	*1
			10000052	12.5	*1	16 25	<b>ئ</b> ھ	C P 2

	r a na ru	18	17	15	CP3	19090053	15	CP1
090032	REDUCE RATE OF CLIMB	4 B	C3	0	P3	3L 01	0	P 4
	TO 500 FT/MIN						•	
097033	TUNE AND MUNITUR	86	26	C	CP2	88093002	6	CP1
	SPARTANBURG VOR	5 V	01	11	CP3		i1	LP2
	(115.7)	5 V	03	13.93	CP1	5V il	10	CP1
		5 V	12	18.20	. –	19090065	19.6	CP1
		1P	12	19.6		5H 03	19.6	CP1
	,	5 G	<b>Ú</b> 5	22.5	P1			
090034	LEVEL OFF AT 29000	3 H	20	Q		4A 64	0	P 2
	FT. ACCLLERATE TO	3H	02	3	_	3H 02	6	P1
	LONG RANGE CRUISE	3H	02	Ÿ		4B 03	12	P2
	SPEED (MACH 3.67)	3F	01	12	P 3	44 64	10	P 3
		4 B	03	20		3F 01	20	P3
090035		3 F	01	o		48 03	o	P Z
	CONTROL AIRCRAFT - E		65	Ú		8A 06	. 0	P1
090037	FLIGHT INSTRUMENT	3 R	56	Ç	P 4	3L 33	0	F1
	SCAN - E	34	.1	O.	P1	35 15	Ĵ	P2
	CONTRUL AIRCRAFT - F	4A	65	0		94 06	0	P2
090039	FLIGHT INSTRUMENT	3 Ř	<b>57</b>	Ú		31 03	0	P 2
****	SCAN - F	3 A	11	0		35 15 88090L03	0	P3 CP1
090040	TUNE GORDONSVILLE VOR (115.5)	8 B 50	06 01	12	CP3		6 12	CP3
	40K (113,43)	5U	03	15	Cb3		16	CP2
	•	5U	15	20		19090666	20	CP1
		15	12	20		5G )4	25	P1
		э́Н	Ü2	20	CPI	76 74		7.2
0.90641	CROSS SPARTANBURG	<i>-</i>	••		• • •			
0,00.2	VOR. TURN TO HDG 047	3.5	U4	٥	P 2	44 26	ა	P1
090042	TURN COMPLETE - ON		_	_	_		_	
	HD6 047.							
090043		18	19	٥	*2	12093054	Ü	*1
	CLIMB TO 33000 FT	190900	55	3.5	*1	iB 25	8	CP3
		18	17	8	CP4	19097056	હે	CPI
		100900	57	12	CP1	18 61	15	CP2
		18	02	15	CP2	1b 03	17.4	CP1
• •		48	05	20	CPL	1B 25	22	ŲP3
		18	17	22	CP4	19093050	22	CPI
		1PU900	258	26	Cbt	18 .8	30	*4
-	•	10000	60	30	*1	1N 07	33.5	CPL
		18	20	36	_	19690061	36	*1
		150000		39.5	*1		42	CP4
		18	15	42	• .	16040005	42	CPI
090044	BEGIN CLIMA TO 33000		29	0	ΡŽ	3L 02	0	ΡŢ
	FT.	3 K	Iú	Ú	24		_	
090645	CLIMB THRU 32000 FT.	3 H	62	0		19092067	2	CPI
	BEGIN 500 FT/MIN	15	11	2	P 4			
	RATE OF CLIMA.							
090046								
090047						•		
	CUNTROL ALRCRAFT -A1	41	66	ń	5 5 P3			
970130	(ATT CWS MODE)	7-	-	J	J J F 3			
000081	FLIGHT INSTRUMENT	2 J	(· S	0	P2	3L 02	ū	Fi
9 70 V 7 L	SCAN -A1	34	70	č	14			PZ
	WWMT MA	2K	46	ŏ	P1	- AT	•	, ,
090652	CROSS WPT SIDI	5K	14	Ď	PI			
	TURN TO HEADING 105	. •		•	• •	•		
	HEADING CHANGE PROC.	44	71	၁	5.1	2K 14	0	PZ
<del></del>	THE PERSON OF TH			•	. •		-	

000000	(ATT-Cho)	28	33	. (	PI	3 L	92	្	P1
	COMPLETE TURN - ON HDG 105 .							·	
090055	ENGAGE VEKT PATH	? rl	CY	(	) P1	2 n	១ម	1.42	₽1
	GUIDANCE MODE	24	زد	2.76	5 21	≥'n	36	4.13	Fl
		24	š9	4.97	L Pl	2 H	40	0.27	٥1
		SK	14	7.0	5 P2				
090057	CROSS MPT SIDE. AGCS TURNS AIRCKAFT TO HDG Dee.								
090058	REACH 10000 FT.	40	97	(	. P2	36	.J1	1	P1
4.000.	BEGIN ACCELERATION	7 F	23		_	7 r	30	5, 24	P3
	TU 280 K1A3.				_	•			
000050	HANDOFF TJ ATLANTA	T.S.	Ιó	(		. 5:	043659	ύ	*1
0,000,7	CENTER EAST DEPAR-	10090	_			±K.	23	. 0	LPI
	TURE CONTROL (123.95)	1.B	15				070073	6	CFI
	TOME CONTINUE TELESTICS	13	ίĺ	10			J2	10	CP2
		18	63	12.9	_	1R		15	CF2
		-		12.7					
		1K	14		-	_	15	17	CF2
		15040		į.	T.	-	39,094	21	UPI
		1Ř	16	2.			190014	23	*1
		1 1/2	Ċ1	2		_	lu	30	<b>*</b> 2
		15020		30	_	LA	14	34	CP4
		18	4.5	٠٤	-		047076	34	iri
090000	CONTACT ATLANTA DE-	lk .	ĠΖ		· *2	1P	390001	C	*1
	PARTURE CUNTROL	12090	024	4.5	*1	14	24	ن	CP1
	(125.7)	iR	Эć			10	<b>J90002</b>	b	CFL
		£R.	L 7		CP3	12	€8	5	UP4
		7 K	(5 <b>Q</b>	1	CP2	1 K	36	12.40	C P2
		16	14	14	· · · · · · · · · · · ·	-	15	14	CPS
		10090		1			16	_ i	*2
		10545		Ĩ		IN	07	22	CPI
		114	UB	2		İĸ	١٤	25	*3
		12000		2		18	24	28.5	CP2
		•					JYJU07	23.5	
00000	THE COMPANY CO.	1 K	7 د	20 ↔	_	_			LP1
0400.91	TUNE COMPANY FREG	10	L l			14	0.2	9	CP2
		10	C 3			10	12	5	CP2
C90C62	TUNE EMERGENCY FREQ.	10	. 7		CP in	-	<i>.</i> 3	17	CP4
		7.3	0.9	4.9					
090063	CLIMB THRU 13000 AT.	3 H	<b>:</b> 4	•	5 624	3 n	<b>3</b> 3	Ĺ	UPI
	RESET ALITALTER BARU	* BO 30.	255	(	D CPI	T b	J 2	ΰ	23
	VALUE TO 49.72	34	٧4		3 P4	ЗĦ	n 3	3	+4
090664	CLIMB THRU 21000 FT.	3н	62	,	CP3				
090065	HANDUFF TO SPARTAN-	10	24		C24	LR	15	9	CP4
-	BURG HIGH SECTUR	P1)90	(40		CPI	1Ŕ	10	ز	<b>*</b> · •
	(133.7)	12690		4	÷ +1	iP.	11)75	. 7	# 1
		15	24	1		iĸ	31	12	CPZ
		14093		10	-	_	07	14	J.P.3
		14	68	14			39	15.9	Crz
,		IK.	05	19		7.5		20.47	CPi
•		TK.	برن 22	20.4		_	25)317	20.47	p 1
		_						47.0	*4
		الوكور والم		23.5			32		
	•	17090		27.9			693648	ت و لا ف	*1
		⊥R		34.:		. <b>.</b>	15	34.3	UF4
	_	*5940	C 49	3+ .3	3 C51				
090066	CRUSS MPT SID3. AGCS BEGINS TURN TO HDG 057.								
090067	ENIGASH OTUA NOM	SK	14	(	, i2	2ĸ	33	Ų	Pl

								_	
	CHANGE MANEUVER	2 K	47	U	ΡĮ	_	52	i)	P1
090068	TUNE NAV-1 TJ SPAR-	8 09 00	<b>602</b>	0	C5 J	5 W	01	· 5	C F3
	TANBURG VUR (115.7)	5 w	0.2	5	CP2	کار	ú3	7.37	CP2
	•	1 P0900	96	. 0	CPI	16	<b>32</b>	. B	P2
090069	TURN COMPLETE - ON								
	HDG 327.								
090070	BEGIN MACH 0.65	48	07	Ú	P 2	3 F	01	• 5	P 3
	CLIMB.	/F	25	3	P 1		30	3	F1
00.0671	RECEIVE NOTICE OF	1R	33	ő		19390			*1
070071		193906	-	3		1PC you		7	CPI
	CONFLICTING TRAFFIC			_	CP2	-	37		_
		↓R :	25	13		_		10	C P 3
		190900		10		15000		13.3	CPI
690672	USE ALT ENG MODE TO	2H	33	U	P 1	-	31	2.5	P1
	ESTABLISH NEW ALTI-	2 H	42	3.28	PI		34	1	F1
	TUDE WHILE IN VERT	2H	28	4.00	PΙ	2H	30	5 • 48	, P1
	PATH MODE	2H	36	6.26	P 1				
090073	USE FPA SEL MODE TO	3 L	0.2	Ü	P 1	2H	21	1	₽1
	CONTROL RAIL OF	2 H	22	2.4	P 1	3 H	2 t	3.17	P 1
	CLIMB	2 H	27	5.65	21				
090074	REACH 26000 FT								
	MONITOR AUTO LEVEL	2H	25	O	Pi	3 H	02	.77	P3
	OFF WHILE IN ALT ENG		17	2.9	P 1	48	02	5.17	P.2
	MODE	7F	25	5.17	p 4		30	5.17	P 3
		3 A	10	5.17	ΡŻ	• •	••	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
0.000.75	SEL MED TO 32 NM MAP		10	Ö	ΡŢ	2K	17	2.68	F1
	RECEIVE CLEARANCE TO		33	ŭ		1090		ن	*1
090011	CONTINUE CLIMB TO	196960	-	3.1	#1		24	6.5	CP4
			15	6.5	_	TEC 100	_	6.5	C P 1
	CRUISE ALTITUDE	1 K		9.5	CPI	11095	100	0. 7	CPI
40.430	B - 1811 B - 11 - 11	100 400				311	6.0	1 14	D.1
090678	RE-ESTABLISH VERT	2H	9	C	5.7	_	40	1.36	P1
	PATH MODE	2н	36	2.14	P1	_	32	2.92	۲1
		4 B	0.7	3.7	2 2		25	3.7	P4
		7 <i>F</i>	30	3.7	P3		υl	4.14	٢3
090079	CLIMB THRU 28000 FT.	34	02	U	CP4	_	24	2.37	∪ F 4
	REPORT TO ATC.	TK	15	2.37	CP4	15090	うじし	2.37	CPI
		18	1.6	Ĩ	*2	ナトラ みつり	) c 8	7	*2
		120400	95 ن	10		lk .	25	11	UP 3
		±R.	37	11	CP4	IPD 900	90	<b>1</b> 1	CP1
090680	REACH STUDD FT. AC-								
	CELERATE TO LONG								
	RANGE CRUISE SPEED								
	(MACH C.67)								
0.900 61	REACH MACH C.67	48	67	G	P 2	i F	21	• 5	P3
0 /30 02	NEADLY HACK COOL	76	25	3	PΙ		30	3	PI
0.006.82	RECEIVE CLEARANCE TO	-	32	نَ		LPUFJ		ũ	*1
0 70 002	CONTINUE CLIMB TO	190900		3.5	#i		25	c	CP4
		17. 0400 18	33	8		120900		8	C P1
	CRUISE ALTITUDE	1Pu 988		12	CP1	170900	000	0	CFI
000000	TIME WALL DOOM IN TOA			C	CP3	1.0	0.5	o ·	LF2
040063	TUNE HIGH ROCK ULTRA		61	-		_	02	-	
•	HIGH SECTOR (134.55)		03	2.43	CP 2		05	4.5±	CP2
		1R	27	ė.	CP1		38	6 9	CP1
		190900		6		150390	_	•	CPI
		18	16	13	_	15393.	-	13	*1
		7.4	J7	17	CST	_	16	2 C	*1
		100900	61	20		190900		23.5	*1
		lĸ	27	26	CP2	İŘ	30	26	CP4
		120900	.02	26	CPI				
B9EAC1	ENGINE 1 FIRE								
89 F A02	ENGINE FIRE SEQUENCE	<b>7</b> P	39	ÜÜ	*1	LPo 9c	11	.71	P1

	- PRIMARY	15	25	.71	CPI	72 15	2.21	CP1
•		79	53	2.2.	CP1	19 15	3.55	CPI
		19875		4.47	CPI		4.47	F1.
		48	LB	0.47	CP2		5.97	P1
		18098		8.97	CFi		0.97	PI
		_						
		74	Q0	12.21		1989EA16	13.01	CP1
		19	04	13.61	ř2		10.48	LP2
		7696E		16.78	CbT		10.73	۲1
		7 2	15	21.78	CP+	1583E 810	24.75	-P1
		19	<b>1</b> 6	24.10	و م	79 16	26.91	CP2
		72	27	27.10	CPZ	1P69:411	25.66	<b>LF1</b>
	•	1.0	i5	20.60	P4	7P 16	42.18	L F 3
		1989E		42.66	CPI		42.08	F 4
BARACA	ENGINE FIRE SEQUENCE		25	00	14		00	Pi
574765	- NOTIFY ATC	IP BYE		ŸÜ.	Р1	1R 35	0.6	* •
	- NOTEFT ATC	10075		3.8		IPR9EAZ7	3.0	*1
		_						
		18	42	22.0	P.		22.0	+2
		TBBdF		22.0	F1	IN J5	33.0	CF1
		T.W	67	36.6	CP 2		_	
69E AU4	ENGINE FIRE SEQUENCE		υ2	00	CP3		2.9	CP2
	READ CHECKLIST	9 ક	€ 3	10.9	C5 T	INBAENTC	12.9	CPI
	PRIMAKY	7.5	10	14.4	P4	3R 73	14.4	C+1
		19690	A17	16.4	CP1	14 16	16.4	P4
		3 8	03	17.5	CPI	IFBJEA18	14.4	LPI
	•	10	15	19.9	94	oB 03	21.4	CP1
		4 P# Yt	419	23.4	271	19 16	23.4	P 4
		17845		24.9	CP I		24.4	P 4
BOLANS	SECONDARY ENGINE	53	C3			1PBJEA20	2.	UP1
OFEMU.	FIRE SEQUENCE	19	د ،	2.	P4		3.5	ČP2
	FIRE SECOLINGE	_			CP.		5.35	
		15005		2.35				F 4
		7.)	16	0.35		IPB9EA22	y.25	C+1
		T b	46	9.25	P 4		10.75	CP 1
		1283E		13.04	Chi	_	13.04	F 3
		70	3 1	16.54	¥ نې			CF4
		75	33	20.25	C r 2	1696454	22.0	CPI
		10	ょう	24.0	P 3	LPUYEA25	22.0	CFI
	·	15	16	27.7	P4	TEBAEMS9	27.7	CPÌ
		15	46	29.6	P 4	7E 31	29.2	CP 1
09FF01	THIO SYS B PUMP OWHI	74	64	5	UP1	7A 64		F1
	HYD SYS B PUMP JUHT	14	24	e	CFI		Ś	P1
	HYD SYS & PUAP JVHI	1A	24	Ü	CPI			ΡĪ
	THYO SYS B PUMP DVHT	74	24	Ü	CPI		ŏ	Fi
	THVU SYS & PUMP UVHT	74	٤4	č	CP 1		_	P1
	HYD 313 B PUMP DVHT	74	24	ີ	JP1			ΡÎ
D4E #05	HID 312 B FOUL DANK				CPI		=	P3
		12010		• > 3				
		74	25	1.73	CPL			Pi
		74	<b>₄</b> 5	3.67	CPI			CP1
		/ 4	44	7.17	41			CP1
		7 A	2 :	7.7	CPI			CP1
		16081	E01	16.39	CLT	14 15	10.39	P1
		ì P	23	13	P1	38 02	10	CF3
		5 P	しち	1 ó	CP I	<b>3</b> 2 03	25	CF2
	<u>.</u>	LPUHF	635	30	CPI	IP 16	30	P4
	-	1909F		34	CPA	IP 08	<b>3</b> 2	P.2
		16	<b>U3</b>	33.6	91		_	381
11000:	REACH 33003 FT LEN	49	(3	33.0 C	P 2			P3
11,7001	ROUTE CRUISE ALTI- TUDE). BEGIN ACCEL- ERATION TO LING	15	. 3	· ·		<i>3</i> , 32	•	
	ERATION TO LUNG							

	0.005 0.005						
	RANGE CRUISE SPEED						
	(MACH 0.71)						
110002	REPORT REACHING	1B 25	O	CP4 1B		Ŭ	CPI
	33000 FT.	19110101	v	CP1 1911	Jリレ2	4	CFL
		13 20	c	*3 lŕli	<b>J</b> UJ3	c	* 1
110603	REACH MACH U.71	3F (1	C	P3 40	0.7	ن	PΖ
	PILUT REQUESTS RE-	18 25	Ċ	CP1 16	17	6	CP2
110004	TURN TL ATLANTA .	• = -	č	Chi 1511		4	CP1
		12110004					
	CONTRULLER CUURDI-	19 50	6	** 1P±1	0.000	. 6	*1
	NATËS WITH ADJACENT						
	SECTORS FOR RETURN						
	VECTURS.						
110003	RECEIVE VECTORS FOR.	19 36	U	*1 1911	2027	e	*1
******	THE LAMIER SIX STAR,		3.06.	*. 1911		0.54	* _
			_	- C-1 18	17	12	CPI
	PULASKI TRANSITION	10 26	15				
		15 T* 0CTO	12	CPI 1F11		10	CPI
110005	BEGIN TURN TO HUG	4A 20	•	P2 35	12	<b>シ</b> ラ	29 c
	270	33 61	C	P2 3L	ა2	٠ ن	P1
110007	TUNE BADIN OLTRA	18 07	Û	CP3 18	28	C	CP2
	HIGH SECTOR (+35.30)		2.00	LP1 18	30	5	LPI
	112011 320131 12370377	18 23	5.2	CP1 13	17	6.5	UF1
		19110012	6.5	CP1 iPil		10	C P i
		18 36	13	+2 1P ±1		فن	*1
		1 N 🗸	15	471 15	30	16	UP 2
		1P1101 15	1 ċ	CAI,			
110643	SET NAV-1 TO PULASKI	8 <b>3 06</b>	U	CPI BBIL	ひひきょ	5	CF1
	VuR	50 61	4.4	CP3 5U	02 4	11	CP3
	• • • • • • • • • • • • • • • • • • • •	ق لا	14	CP2 1P11	Buzz	16.5	CP1
		12 دا	16.5	P 1 5G	04	19	Fl
		-			64	* *	, ,
	* *** *** ***	sH 62	16.5	CPI			
11 GC G-3	TURN COMPLETE - ON						
	HDG 276						
110(1)	RECEIVE INSTRUCTIONS	10 19	υ	<b>*</b> 5 1611	0016	C	* 1
	TO DESCEND TO SECTION	12116017	3.5	* ± ±B	25	Ċ	CP3
	FI	18 17	ь	CF4 1P11	3316	<b>5</b>	L P I
	•	121.0019	12	CPI			
1.1 <b>5</b> (a).1	HYD SYS & LUN PRESS.		نَ	CP1 7A	24	C	٧1
111 001	HID 313 D COM FAC 331		.53	CPIIP	30	• 5 3	P1
		16013655					_
		74 25	1.53	CPI IP	03	1.23	P1
		/A 11	3.07	CP1 7A	13	4.22	CPI
		LP11FDC1	4.77	CAT TE	62	4.77	P 2
		12 (3	6.77	P1 44	62	5	CPZ
		4A 19	0.21	CPI /A	20	7.20	CP2
		44 05	_0	CP1 7A	Ú6	13.33	C P1
		7A 64	15.20	CP'I +0	41	15.74	UP I
		3B (2	20	CP3 00	ذ د	26	CPL
		3-3 ⊹3	3 t-	CP1 1P1.		, d g	CP1
		i.P 15	, ೨ ರ_	P2 93	J 3	41.7	CFI
		1911FU03	43.7	CST TE	16	43.7	P 3
		d3 v3	47	CF1 1911	+0∪4	49	.P1
		.P 15	47	43 3B	≎3	٤ڌ	CP1
		12116103	ノシ	CFI 1P	۶ ن	<b>ز</b> ز	PZ
		6s 69	55	JP1	-		-
3.1.4.4.2	ENG NO.2 OIL FILTER	7F 19	نَ ٠	CPI 1PLI	A 6:31	•33	CPI
TIMPLET							
	BYPASS	12 15	• 6 3	P4 1P	63	4	<i>P</i> 1
		7F 10	• 3 3	P1 40	J2	٤	P 2
		4 A 2 3	3	P1 46	10	6	P1
		7F 10	5	CP1 7F	34	5.83	CPi
		1311AFU2	t	CP1 1P	17	£	Pi

110'00		12	C3	11.0	P1				
110861	NO.2 CSU LOW DIE	78	73	U	CP1			. Ü	P1
	PRESSURI.	AP A 1CE		./>	Ch ?		14	.75	P 4
		73	74	• 75	CPZ		33	2.85	Pi ant
		16 19	0.3	3.24		78	110502	4.26	C P 1
		7 B	19	4.20	_	75		4.5 0.54	243 243
•		75	14 72	6.46 10.72		7 s		13.29	UP1
		71	13	15.35		18		17.64	CP2
		78	44	18.56		76		20.00	iP2
		12.4C		21	_	1 P		21	F2
		33	02	21	_	36		. 20	CPi
		33	03	οέ	-		110604	38	CF1
		í p	17	36		d B		3 9	CF1
		15 110		42	_	ijΡ		42	P3
		÷9	دائر ا	43		_	liftud	47	UP1
		įρ	u e	47	_	ĨΡ		49	PI
		αĐ	(.0	47	CPI				
130601	REPORT REACHING	lĸ	26	0	CPI	ĹŘ	3 8	Ü	CP2
	CRUISE ALI	1P1i0	L(1	S	Ch 1	نؤغ	115092	4	CP1
		įR	33	5	<b>*3</b>	10	110003	5	*1
130602	MON AUTO LEVEL JEF	3 H	. 2	C	و م	۷K	17	د 2 • 1 •	Pl
	WHILE IN VERT PATH	48	j Z	4.4	42	26	ذ ع	7.13	94
	MODE	7F	30	1. i3	P 3	34	10	7.57	1.2
130C03	CRGSS WET LINCO								
130004	PILOT REQUESTS RETRN	_	<b>4</b> 6	0	CP2	16	36	O	C P3
	TU ATLANTA. CONTRUL-		_	C	_		110005	4	CPI
	LER COURDINATES WITH	LR	33	0	*4	16	110009	6	. *1
	ADJACENT SECTOR LON-								
	TROLLERS FOR RETURN								
	VECTOKS.								
130005	RECEIVE VECTURS	IR '		U			13/1001	Č	*1
		1P130		<b>3.</b> 7		lk		7	CP3
		18	3 ¢	7	ÇP4	1 1	130003	7	CFT
	TURN 10 nDG 270			_			•	_	
130667	HEADING CHANGE MA-		Τσ	3 (3	-	21		2.0	Pi
	NEUVER USING TKA SEL		<u>.</u> 7	3.51	-	_ 2H		4.36	PI
	MODE (VERT PATH CUR-		15	5.79		2H		6 • 5 5	Fi Pi
	RENT MODEL	2H	28	7.34	PI	24	29	ಕ.76	r I
120000	TURN COMPLETE - ON	2K	17	7.74	۲,				
130000	HDG 27C								
120000	RECEIVE INSTRUCTIONS	ن ،	34	G	#1	: 0	130004		2 * 1
130007	FOR A 4-D SHINE UI	19135		4.5		_	130004	u G	+1
	STAP	TH	25	10		. R		iČ	LP1
	314.	19150		16		_	133011	.4	CPI
		33	01	2	UP 2		-50		<b>V</b> . V
130010	SET UP NEW 4-D		••	_	• •		• ,		
220020	FLIGHT PLAN						~		
130611	LOOK UP PAGE 2	2L	6 H	i	CP1	2 L	16	2.03	Ú₽2
	· · · · · · · · · · · · · · · · · · ·	21	óβ	4.11	CP2	_	16	5.50	CF1
130012	LOOK UP PAGE 2 -	21	1.2			26			2 2CP1
	STAR CALL-UP	2 L	23		6 2CF2				23P1
130013	STAR NAME - SHINE UI	Lک	55	1.40		2 L	44	2.Bi	CP2
		2L	42	4.16	CP2	21	żψ	5.51	625
		2L	41	0.06			35	8.21	CF1
		2L	25	7.56	CPI				
130614	LOOK UP PAGE 2 -	2 L	30	U	C+2		16		2 2CP1
	AMA CULF-AS	<b>4</b>	20	10.66	2 2012	2 K	17	12.17	2 2CP1

130615	Actol - SHAN YWA	2 L 2 L	۵6	1.46	C P 3		33 33	2.01 5.71	C P2 L P1
136616	SHINE OF AND JEESK	2K	54 17	,68.6 ن					
	DISPLAYED ON MED.			•				*	
	CO-PILO: DETERMINES THAT THE COMMUN WPT								
	ON THE STAR AND AWY IS THE MPT SHINE. AN		•						
	BRG FROM APT SHINE TO PT WHERE HOG GTO								
	INTOPS J815R								
	INITIALIZE PAGE DESTINATION NAME-	2 L	03 45	0 3.79			07 37	1.48 2.14	CP2
*300.00	IATL	2L	56	c.c			48	3.06	CPI
130019	ATC CLENC PAGE -	_	_						
	CREATE #PT BASED ON BEARING AND RANGE	2K	37 17	17 43	5 P Z 2 2 C P i		98 20	15.09 2	2 20P1 2 20P3
	FROM EXISTING AFT	2.1	1 7	11,45	2 2671	26	23	1707	2 2013
130020	WPTOOL BEARING / KANGE	2 L	<b>ა</b> 5	1.46	CP1	2L	44	2.91	CF2
	(234 DEG/ 27 mm)	21	45	4.16	CP2		<b>90</b>	5・31	€ P 2
		21	41	0.00	CP1		27	0.21	C P2
		2L 2L	26 27	9.69	CP1 CP1	_	29 32	11.04	CP1
130021	FL INPUT - 320	2 L	42	0	CP 2		19	1.46	CPZ
		2L	20	3.52	CPI		27	4.67	SPI
		26	<b>3</b> 5	6.22	CP1		24	7.57	CP1
13)622	GS TUPLT - 250	2 L	49	0	C5.7		19	1.47	C F2
		2L 2L	27	5.53 6.23	CPI		30 20	4.85 7.58	CP3
130623	WPT NAME - LAKEE	2 L	35 48	1.46	(61	-	37	2.81	CP1
200023		26	47	4.10	CPI		41	5.51	CP1
	-	2 L	41	6.36	CP 1				
130024	PTA INPUT - 13:21:00		56		CP2		26	1.45	C F3
		2 L 2 L	35 26	2.0l	CP1 CP3		21 35	4•±6 ۥ85	C P 1 C P 1
		žL	35	8.21	CPI		20	9.50	CP3
130625	HANDOFF 13 BAULN	lĸ	34	c		191300		v	*1
	ULTRA bigm ScCTuk	12.130	CUB.	4		1k	24	5	CP3
	(135.35)	15	39	5		171300		5	CP1
		į R	ί.7 00	8.5	CP3		0.8	<b>5 • 5</b>	CP4
		1R 1R	ეფ 3 მ	11.4	CP 2	19114	27	13 13	CF3 CP1
		_P11u		17	CPI		32	18	*1
		17110	114	18	+1	. N	07	21	CPI
130025	INITIALS TIME PATH	24	<i>3</i> 5	Û	C 2 2		39	2.15	CP1
	(4-D) GUIDANCE MODE	2대	49	3.51	CPI		50	4.06	CP1
		2K 2K	31	5.64	C F 1 C F 1	2 K	2 <b>3</b>	7.91	CP1
140001	CONTACT PULASKI HIGH		ül	0	CP 2	Là	02	υ	C F Z
- · • • •	SECTOR (132.75)	ib	03	2.9	CP1		04	5	CP1
		₽9	2 d	6.5	CP2		17	ڌ•٥	UP4
		171400		5.5		191+00		10.5	CF1
		13 1N	20 06	15 19.		191400	36	15 23	*1 *2
		19140(		19. 23	*1	<b>4</b> 0	J <b>U</b>	63	72
140092	BEGIN DESCENT TO				•				
	31000+1								

140663	ALTERNOS MANCE SOCO	6.4	20		0.3	24	0.2	•	0.1
140(03	ALTITUDE CHANGE PROC	4 A 3 H	29 02	U G	P 2 P 1	3K	02 10	0	P1 P4
,		4 B	03	ō	P2		01	Ď	Р.3
140004	LEVEL OFF AT \$1000 FT								
146605	RECLIVE VECTOR TO	18	36	Ú	*3	191	40005	0	*1
•	INTERCEPT PULASKI	1714	0006	3.47			40007	7.63	*1
	225 RADIAL	19	25	13	CP3		17		CP4
14000-	TURN TO HDG 240	17 14	8600	13	CPI	TAT	40009	17	CPA
	HEADING CHANGE PROC.	3 (	21	U	P 2	4Δ	2€	J	P.2
243001	THE THE THE THE THE THE THE THE THE THE	اد	วร	Ü	PΙ		11		5 5 PI
	•		58	G	Р1				
140008	TURN COMPLETE - DN HDG 240								
142659	BEGIN TURN TO PULAS- KI 225 PADIAL								
140619	TURN COMPLETE - ON HDG 225								
140011	SET NAV-2 FO TUJCOA		űá	G			40001	6	_
	VOR (109.6)	5 V	0.1	12	CP3		02	12	C P 2
		5 V	<b>03</b>	14.93			40042	17	r D 1
	•	4. Hc	13 03	17 17	CP1	56	05	19.5	P1
.40012	HANDUFF TO LANTER	7 H	18	Ů		. و ،	43010	c	*1
140012	HIGH SECTOR	18	24	4	CP4		16	4	CP1
			0011	4	CPI		07	6	CP3
		18	63	8	CP2	18	09	13.86	CFI
		Ţq	65	is	CPI	_	28	14.5	CP3
	·	18	17	14.5			40012	14.5	CP1
		18 in	20 (7	20 23	CP1		40013 36	2c 2o	*1 *2
			UC14	26	*1	10	30	20	72
140613	RECEIVE INSTRUCTIONS		30	O	# 4	191	+2015	G	+1
•	TO DESCEND TO 24000		UL 16	3.9	*1	16	25	7	€PÎ
	FT		17	7	CPZ	iPi	40017	1	CPI
1/001/	35C10 MAC   0 75	1714	0618	11	CPI		•		
	DESCENT REACH 26000 FT								
140019	RECEIVE CLEARANCE TO	3 н	J 2	U	UP.	in	25	2	C P2
140010	DESCEND TO 11000 FT.		17	ž			40019	2	UP1
		18	19	7			40020	7	*1
		1914	0021	16.75	*1		25	15	CP3
		18	17	ĹĎ		161	40022	15	C P1
140017	Time diament is		16623	19	CP1	4.5	2.2	0	. 1.9
140017	TUNE NURUKUSS LUW Sectur (125.2)	1 g 1 g	)1 (s	ن د و ع	CP2 CP1		02 05	0 5	C P 1
	30010F (123.27		20	5.5	CP2		17	6.5	CP4
			0.24	0.2			40025	10.5	CP1
•		18	18	14	_		43020	14	*1
		_	0127	17.5		±N.	07	20	i.F1
	SET ALTIMETER BARU SETTING 10 29.60	iP14	JL43	C	Chī	T.P.	13	J	£ 2
	CROSS TECCOA VOK	D. 45		_					
140020	TUNE NUPCRUSS VUR (116.5)	98 50	06 01	9 11	C + 3		49002 02	6 i1	CP1
	1440.01	5 U	Ů3	14			12 43344	15	CP3
	•	10	`. ŝ	40	_	2G	34	17.5	Pl
					_	-			

							,	
		bH	u2	15	CPI			
140021	RECEIVE INSTRUCTIONS	<b>⊥</b> B	37	ΰ	<b>#</b> ]	19140028	O	*1
	TO GO INTO A HOLDING	171400	29	. 4	+1	19140030	9.33	*1
	PATTERN AT LANIER	191400	ند	14.00	*1	16 25	16	CP3
	INTERSECTION	1 8	17	16	CP4	19143032	16	LF1
		121400	: 33	20.5	CP1			
140(22	REACH 17000 FT.							
	BEGIN 500 FT/MIN							
	RATE JE DESCENT							
140023	REPORT IGGO FT TO	3-1	u2	C	CP3	19144645	2	CPI
	LEVEL UFF	iΡ	11	2	P 4		_	
140024	REACH ILOGO FT, BE-			-				
	GIN DECELLERATION TO							
	210 Klas.							
140025	TUNE CHATTANJUGA VOR	38	07	0	CPT	38140003	£	C P1
	(115.8)	įν	e i	11	CPS		11	CP2
	(2200)	٧ د	03	13. 73	-	19143046	ίο	CP1
		16	13	16		jG 05	19	P1
		5 H	03	19	CPI	70 07	• 7	, ,
140026	REACH 210 KLAS.	J.1 3 Δ	ć i	10		46 Ú3	. 0	F 2
	HULDING PATTERN PROC		12	Co.		32 26	ő	P1
140051	-RIGHT TURNS	33 4A	26			31 20	0	P3
	-1 1/2 MON. LEGS	34	11	ں ن	_	48 67	5	
	-1 LODP	3 C	j1					P2
	-INITIATE FIRST			1 30			1 30	P1 P4
	TURN LIVER INTER-	3 S	16	_		4A 55	1 30	
		3/4			CP 1		1 30	P3
	SECTION '	48	υ7 1 -	1 35	P.2		1 36	P 3
		35	15	1 30	P 4		2 00	CF1
		191400		2 0	671	-	2 00	P 2
		3N	02	2 30		19140048	2 36	CP2
		1 P	11	2 30		3N C2	2 55	CP1
		141408		2 55	CPL		2 55	P 2
		3 N	34	3 00	Cal		3 00	Pi
		3 L	03	3 00		34 11	3 00	P 3
		∔ R	<b>7</b>	3 🧓 ၁	45	-	4 00	PI
		44	67	4 30	PL		4 30	P2
		<b>→</b> Δ	c 5	4 50	Pl		4 30	CP1
		34	11	4 50		4B 67	4 35	P 2
		3L	33	4 39	P3	- ·	5 00	CP1
1/0/20	DECEMBER OF SANS. TO	4P140t		5 )ò	CFI		5 იე	H 2
147628	RECEIVE CLEARANGE TU		36	. ~7		19140034	3	*1
	CONTINUE DESCENT AND			3.27		17140036	7.63	*1
	APPRJACH	18	25	12	CP1		12	C P2
	beer beer an ore	171400	31	12	CPI	19143638	16.5	CPI
140(2)	BEGIN DESCENI. SET						•	
	THRUST FLIGHT							
1.0.5	IDLE							
140035	REACH 11000 FT AT							
140655	230 KIAS					1.11 . 1.20		4.
	HANDOFF TO ATLANTA	14	43	į.		171+0(39	Č	*1
	APPROACH CONTRUL	_P1400		4	*1		5	LP2
44144		10	17	2		4P1+0041	ۏ	CP1
140C32	ALTIMETER BARD ST	3н	04	Ċ	P3	_	C	P2
	PROC.	3n	(4	ر	Cr3		0	CP3
120001	RECEIVE INSTRUCTIONS		54	Ũ		16129631	Ç	*1
	10 DESCEND 10 31000	191500		3	1*		9	CP1
	FT.	iR	9 ز	8	CP 3	11120003	· 8	CP1
	·					13 01	13	CP3
		1 5	(2	13	CP2	14 03	15.93	CPZ

				3.7	C.1.1	. 5 37		C( 1
		1R	(1)	17.51	CP2		19	CF 1
		1 R	8 د	19		19140001	19	CPI
		12.40		23	Chr		25	*4
		14140	'C 03 🔒	25	* 1		2 d	LFL
150032	USE ALT ENG MUDE TO	211	53	Ċ	P 1	2H 31	2.47	Fi
	ESTABLISH NEW ALTI-	2 H	51	5.73.	P 1	2H 34	4.31	P1
	TUDE WHILE IN TIME	2.1	دظ	4.31	Pl	2H 30	0.01	PΙ
	PATH MODE	2н	42	7.29	P1	2H 36	b • 97	P1
		ŽH	44	8.35	P1			
150003	•							
	REVISE PEIGHT PLAN	2 L	65	(·	CPI	4L 09	2.03	CFI
	TO ESTABLISH NEW	2.	24	4.37	SPI		5.37	_P2
	FLIGHT LEVEL 310 AT		29	7.19	CPZ		9.27	CPI
	SPT01	26	A	10.02	65		11.47	UP3
	37 101						-	
	•	21	<b>5</b>	13.32	CPI		14.67	CF1
•		? L	(-9	10.14	نے نون		±8.22	CPE
		19150		۷ ک	CPI		20	P 2
150005	ADJUST THRUST TO HEY	2iv	3. <b>7</b>	(·	F.1		3	₽1
	AIRPLANE SYNSUL UN	43	7 ن	C	₽2	2K 24	ن	Р3
	MED INTO TIME BOX	ŽK	32	5•↓3	P1	2K 17	ı (c	P1
		żΚ	31	lo	5.1	48 07	10	P 2
		2K	ےُ ن	12	P 1			
150006	RE-ESTABLISH TIME	2 :1	39	C.	P1	2H 49	2.92	PI
	PATH (4-D) MIDE	24	:0	4.27	Pi	2n 32	2.05	P 1
		211	44	>•ā3		2H 38	2.14	PI
		24	42	0.01	P1	-	1.36	Ρĺ
150007	LEVEL OFF AT 31000	•	• •				2	
1,0001	FT Transfer							
1 50000	HANDUFF TU LANIER	18	<b>.</b> €			19140010	ز	*1
130006	HIGH SELTUR (132.4)	-	14	4	υP4		4	u F3
	HIGH 25CLOK (125.4)				C 2 1			
		75.74.		4			3	647
		LK	υŊ	6	ĆP4		10.4	665
		14	UÓ	12.40	CP2		14	CP4
		<b>⊥</b> ⊀	15	14		1P140C12	14	CP1
		7.5	3.3	14	+ 4	1P140013	10	*1
		1 N	07	22	CPi			
150009	BEGIN TURN THING							
	234 TO ACQUIRE JAIJR							
150610	TURN COMPLETS - DN							
	ANY JoloR							
150011	AGCS BEGINS PRUGRAM-							
	MED DESCENT TO 11000							
	FT. THRUST ADJUSTED							
	AUTUMATICALLI.							
166/12	RECEIVE INSTRUCTIONS	1.5	32	Ĺ	<b>.</b> .	19150601	Ç	*1
150(12							7	_
	FROM ATC	13.75		4			-	CP3
		1ĸ	57	7		1910003	7	1 P 1
150013	SET ALTIMETER BARL	ا ز ۱ قبل	20.13	O	C P 1	19 15	Ç	P1
	SETTING TO 29.59							
	CROSS MET SHINE.						•	
-	AGCS REGIN AUTO							
	TURN TO HOG 211							
150(15	TURN COMPLETE - ON							
	HDG 211							
150(16	COCCE DENT CHEDZED	16	24	Ù	CP4	in 15	Ü	CP4
3	FI. REFURT TO ATC.	12140	019	Ō	CPI		5	*4
	HANDJEE TO NURCRUSS	iP 15		5		1r1scoce	8	*1
	LOW SECTOR (125.2)		30	ìŪ	C F 2		10	ي4 عن
	top section (tester	12150		16	CPI		14	CP3
		1117	, , , ,		J. 1		* *	٠.,

		T K	C S	.4	CPZ		<b>U</b> 3	10.93	CP2
		18	65	18.51	CP2	-	27	25	UP1
		18	39	20			40024	20	CPL
		1P140		24	CP1		33	27	*4
		19140	013	2 <b>7</b>	*1	LN	J 7	30	CPI
150017	CROSS WP LANDS.								
	AGCS BEGINS PROGRAM-								
	MED TUNN 10 HDG 228								
150018	TURN CUMPLETE - ON								
	HDG 228								
150019	LEVEL OFF AT 11000								
	FT								
150020	MUNITOP AUTO ÉEVEL	3ત	(2	0		2 K	17	2.13	P1
	OFF while in Time	3 L	c1	4.4	٦ ڊ				
	PATH MUDE								
150031	AGSC BEGINS PROGRAM-								
	MED DECELERATION TO								
	250 KIAS.								
150022	REACH 259 KIAS								
150023	RECEIVE INSTRUCTIONS	18	35	Ü	*1	1P 1:	50009	0	*1
	TO CHANGE LAKESIDE	1P1500	110	. 4	<b>#1</b>	_	30	9	CPI
	PTA TJ 10:22:15	13	30	9			)J011	9	CP1
150C24	REVISE FLIGHT PLAN	2L	65	Ü	C ન્ 1		09	2.03	CPI
	TU CHANGE LAKESIDE	2L	24	4.37	CPI	-	24	5.37	29 ن
	PIA	2L	U.S	7.24	CPI		<b>36</b>	9.53	CP1
		2 L	26	10.66	CP1		35	12.33	CPi
		2 L	27	13.58	CST		27	15.03	CP1
		2 L	25	16.28	CP3		30	17.73	CP1
		26	20	19.08	CPZ	? L	U 9	20.59	CPl
		2L	21	22.73	+ <del>۹</del> ن	LF1:	JU14	24.45	CPL
		12	ί2	24.45	P 3				
150025	MUNITUR AIRCRAFT AND	21	17	Û	61	2K	3 l	. 0	P1
	TIME BLX STMBOLS ON								
	MFD AS AGUS ADJUSTS								
	SPEED TO ACQUIRE NEW								
	TIME SLUI								
	REACH 220 KIAS								
150C27	ATRAJIA CI HILDRAH	19	<b>▲</b> 6	¢			45L39	Ú	*1
	APPROACH CONTRUL	191400	40	4	*1	_	24	6	CP4
	(126.9)	1 K	4 i	6			4.7041	Ó-	CPi
160001	TUNE ALLANTA	iβ	٠7	U	CP3	18	08	0	; CP2
	APPRUACH CUNTRUL	18	. 9	2.80	CP1				
	(126.9)								
	TURN UN LANDING LIS	7G	17		10092		_		
160062	TUNE ATIS (123.7)	14	J 7	Ú	CP 3		ÜB	U,	CP2
		LΔ	9.9	2.98	CP1		06	5	CPI
		1 A	17	6.43	CP2		15	8	*3
		15 10 CC		Ö			3002	11.42	*1
		IPLOUL		15.76			00004	20.54	*1
		191601		25.4			فاذباه	29.66	*1
190003	SET ALTIMETER BARO	191c o(	, 43	0	CPI	11	13	<b>J</b> .	P 3
	SETTING TO 24.04						_	_	
160004	CONTACT ATLANTA AP-	1A	^ E	. ·	CPI	-	16	2.4	CP4
	PROACH CONTROL	<b>1</b> Δ	<u>.</u> 2	2.4			50057	۷.4	C P1
		191600		6.4	Chi		15	9	<b>*</b> 4
		1 N	7	12			50034	9	*1
160005	DESCENT AND APPROACH			(	5.7		02	Ç	CP2
	CHECKLIST - 1	P B	ι2	2	CP3		05	8	C P Z
		د ا	<b>⊍</b> 3	13	CPI	1516	50044	15	CPI

		10	10	15	PI	IPL	o J045	17	CP1
		±Ρ	07	17	₽4	86	03	18	UP1
•		1716	UL 46	20	CPI	Ì٩	13	20	P4
		70	69	22	CP1	ن 7	70	24.67	CPI
		7 E	€8	26.59	ChI	IP I	60047	28	CP1
		19	16	28	F1				
, 160005	DESCENT AND APPROACH	88	ĴЗ	C	CPI	iP1	61648	2	CP1
	CHECKLIST - 2	15	11	Ż		7 ń	03	Ĵ	٤3
	•	7 M	t) 4	6.54			00049	5.5	P1
		15	Vo	o • 5	CP4		ڌ ن	4	CP1
		1916		11	05.1		12	11	F4
		7 G	17	12			50001	14.2	647
	•	. P	16	14.2		35	03	14.5	CP1
		1916		16.5	CPI		12	16.5	F-2
		3H	02	10	CP4		05	20.37	CP1
			C(53	43.4	CP 1		ون ا	23.40	Pi
160007	DESCENT AND APPRUACH		0.3	0			50054	2	3 F 1
	CHECKLIST - 3	15	20	2			10004	. 2	CPI
		3816		5	CP1		46	10	CP4
		7 F	27	10.32	CPI		2.8	12.34	CP4
		7 F	23	12.04			50002	15	P 1
		3 4	67	20	CP 2		05	20	CP2
		1916		20	CF1		14	20	P1
		3 A	37	22		3 A	25	22	P.3
		3 A	ić	25		3 4	i 3	25	CPI
		1916		28	CP1	-	08	. 25	P 2
		48	<b>.</b> 3	29.6			50057	31.6	CP1
		16	٠Ĉ٤	31.6	P 4	3 5	ეი	31.0	3 F1
		ეცე		34.6	CPI				
150003	CRUSS NURCRUSS VOR.	15	10	0			00010	Ú	*1
	RECEIVE INSTRUCTIONS			4			25	0	CPI
	TO TURN TO HOG 210	13	17	b	CPZ	111	<b>30012</b>	6	CPI
	AND TO SEOW 10 200								
1430/0	KI4S								
100003	TURN TE HUG 210 AND								
1.0010	5LDw 10 200 KIAS								
100010	TURN CUMPLETE - ON								
160611	HDG 21c	10.7	A O	0	54.1	19	10	,:	CF2
1000.11	SET FLAPS TO FLAPS 1			0				3 40	
		46 41	υ7 33	90	CP2		15 36	2.69	CP3
			.33 0659	2.59 5		i P	04	5	F 2
		15	03			7+	10 25	7	P4
		76	30	ì	23		ر ۵	•	
160012	REACH 200 KIAS	48	07		5 5 P2				
	SET NAV-U TO RUNWAY	ว์ย่ ว์ย่	(-b	U		341	60003	6	CF1
100013	08 ILS (109.4)	5U	υ1	11	CP3		00003	11	CP3
	09 163 (137)	50	03	14	_		63059	lò.5	341
		19		10.5		j G		19	P1
		on.	12 C2	16.5	CPI	76	J 4	47	r 🛦
160014	SET NAV-2 TO REG VOP		01	10.5	CP3	یا را	02	3	C P2
100014	.361 MAV-2 TO RES VOS. (111.3)	۷۷	(3	2.93			53960 53960	5	CP1
	1444037	10	ú2	5		5 G	Ü	í	71
		2ri	د ن	ر د	CPI	,,	0,5	•	• •
160615	RECEIVE INSTRUCTIONS		ده د۲	ن		191	60014	υ	*1
	TO SLUW TO 190 KIAS	18	14	4	CPZ		15	4	CP2
	ID SECH IO 174 KIAS	1916		4	CP1		4.7	•	
160016	REDUCE SPLED	48	υ7	Ġ.	P1				
	SET FLAPS TO FLAPS 5			ű		+=	99		CP3
			<b>-</b>	•				_	

	•	19103	(61	5	CF1			
1.6061.3	FLAP SET PROCEDURE	1P 100	10	0	CP2	4E 15	2.69	CP3
THUCTS	PLAF SET PROCEDURE	4N	03	-	C P 2			C P 2
				2.09				_
		12	10	5				P1
		7 F	23	7		7F 30	=	P 3
160019	HANDOFF TO APPROACH	Ľβ	20	í	_	19163016	=	*1
	CONTROL (127.25)	19160		4	_	18 26	_	CP2
		TB	2 د	C	CFZ	19160018	¥ Û	3 F 1
		13	0 X	16	GP2	19 05	10	CP2
		id	03	12.38	CP1	18 05	15	CP1
		18	۵2	10.0	CP4	18 32	¥6.5	CP1
		12160	619	16.5	CP1	1P150023	20	CPI
	·	i B	19	22	+4	1P160021	22	*1
		LN	07	26	CPI	_,		_
160020	RECEIVE INSTRUCTIONS		19	Ü,		12163022	Ü	*1
200020	TO TUPN TO HOG 270,	10160	-	4	_	18 25	-	CPS
	REDUCE SPEED TO 176.	16	17	8	_	19169024		CP1
	<del> </del>					17109024	0	CFI
	AND TO DESCEND IL	16100	025	15	CPI			
	4500 FT.							
160021	BEGIN TURN TO HOG							
	270							
160022	TURN CUMPLETE - ON	4 13	ú <b>7</b>	L	J 5 F2			
	HDG 270. BEGIN DE-							
	CELÉRATION TO 170.							
160023	REACH 170 KIAS							
	BEGIN DESCENT TO							
	4500 FT.							
160025	SET FLAPS TO FLAPS	LPLoC	062	. 0	Pi	48 11	1	CP3
100(1)	15	IP1t.		. 5	CPI		_	• •
1400.4	LEVEL OFF AT 4530 FT		•••	•	٠.			
	RECEIVE INSTRUCTIONS	16	37	4.5	± 2	19150053	o	*1
100(2)			-	Ú	_		=	CP2
	TO SEUM 10 160 K145.	18	14	4	CP2	16 15	4	CPZ
		19160		4	CPI			
	REDUCE THRUST	<b>⇒</b> 8	( <b>7</b>		2 2 4 5			
	REACH 160 KIAS	48	07	ن	5 5 P2			
160030	RECEIVE INSTRUCTIONS	ſΩ	18	.)		19150026		, <b>*1</b>
	TO TURN TO HOG 180	18	26	4	CP2	14 32	4	i P2
		17100	127	4	CP1			
160(31	TURN TŪ HDS 185							
160032	TURN COMPLETE - ON							
	HDG I EJ							
100(33	RECEIVE FINAL	13	37	Û	* 3	19150028	v	+1
	APPROACH INSTRUCTION		629	3.41	*1	16100030	7.49	*1
		19460		11.77	*1		15	CPI
		16	17	15		19150032	15	CP1
		19160		19	CPI	1, 230 030		
140020	TUNE ATLANTA TOWER	id	.7		C 2 3	16 16	5	CFZ
160034		18		2 11 11	CP1	• D . C	.,	CFZ
1 607 25	(119.5) BEGIN TURN TO HUC	10	<i>U Y</i>	2.80	G F I			
100(.35								
1.005	120							
190032	TURN COMPLETE - ON							:
	HDG_1 2t							ے شہ
160037	CAPTURE ILS LOCALI-	32	50			19150067	2.6	CP1
	ZER. OFGIN TURN TE	<b>1</b> ~	02	2.6	24		9	+3
	HDG 390.	3 5	4 ن	9	<b>P3</b>		9	P2
		3 સ	10	19	P٤	-	19	P3
		4 À	25	19	P 2	38 51	4	P1
		191500	8 a 0	6	P 1	1P 02	t	LP2
		<b>3</b> 3	.1	·6	P 2	3 v 0 6	9	P1
			-	-			•	_

160638	SET DECISIÓN HEIGTH								
	ON RADAU ALTIMETER								
160039	SET AUF-1 TO LAKE-	эũ	17	ن	C + 3		2 <b>2</b>	4	CPl
	SIDE (3/5)	50	ÜŢ	3	645	ЭÙ	ŰZ	ź	UP3
		19466	63.53	5	CP1	1P	02	و	P1
1400/0	C: 7 . 05 . TI: 1.4VC				_			-	
160040	SET ADF-2 TU LAKE-	5 E	<b>⊥</b> 7	0	C P2		91	3	C P 2
	SIDE (375)	5 E	92	3	CP3	ЭË	ZĜ	3	CFL
		191600	inn	5	CPI	ìΡ	02	5	P 1
140//1	MON ALE ADMY 1				_	5Ġ	05	ō	P2
	MON VURTRMI-1	)G	J4	U	_				
160042	MON AUF/KMI-L	эD	<b>ع</b> 3	3	P 2	j ù	29	3	P 2
160043	TUNF HAV-1 TO RAY US	วน	<b>01</b>	U	CPs	วับ	92	9	CP3
2000		-	زغ	3			63369	5	CP1
	ILS (109.9)	5 <b>U</b>		-	_		-		-
		19	C 2	۲	Pl	36	49	6.5	P 1
160044	TURN COMPLETE - ON								
	HDG-396 (R41 08 HDG)								
160645	ANNUNCIATÚR RÉCALL	γ Δ	28	j	CPi	/ A	36	2.28	CPI
160046	CONTRUL AIRCHAFT ON	<b>3</b> 3	16	0	P3	ذذ	ن 4	Ç	РЗ
	FINAL APPRIACH - A	44	30	ن	P 2				
					_	3.0			
160047	MON INSTRUMENTS ON 🔧	3 R	16	Ü	CP3	3.2	94	ů ·	CP3
	FINAL APPROACH - CP								
160648	MON ADF/RMI-2	5 €	26	Ü	CP1				
	MON RADIO ALTIMETER	3 J	01	0	CP1				
160050	RECEIVE INSTRUCTIONS	18	18	Ų	*4	191	<b>6J034</b>	v	*1
	TO SLOW TO 150	18	<u>.</u> 4	4	CPZ	1.6	15	4	(+2
	10 3504 13 170							•	
		15790(	137	4	CF1				
160051	REDUCA SPEED TO 150	→ B	07	Ĺ	P 2	3 4	01	• • • • • • • • • • • • • • • • • • • •	P 1
	KIAS								
146/60		~ .	٠. •	^	0.1	4. 6	, ,		0.7
	REACH 150 KTAS	34	<b>01</b>	C		48	67	Ċ	P 2
160053	SET FLAPS TO FLAPS	LPLCUE	?77	•	14	4Ë	12	1	C P 1
	25	191666	. 70	5	CPI				
14 1064		-	60	Ó		3R	60	٥	CFI
10007	ACQUIRF GLIDE SLUPE	3R	-	_	_		-		
		15790	L/1	5.6	CBJ	14	10	4.5	P1
	•	3 V	Cc	Ü	P1				. •
140155	RECEIVE LASTRUCTIONS	lo	18	Ü	_	. د	3036 د د	o	*1
100057	-	_							-
	TO MAINTAIN CURRENT	18	14	ô	CP4	f R	2 <b>3</b>	ĉ	(P3
	SPEEJ	191630	.37	8	CP1				
160056	CROSS STUBBS (REG	1P1600		õ	CP1	1 P	10	9	CPI
100000		_			_	_	_	_	
	VOR). BEGIN DECELER-	4 B	ι7	1	CP2	3 A	01	1	CPl
	ATIUN lu 135 KIA5.								
50657	SET FLAPS IN FLAPS	19203	. 7 3	C.	D 1	4 E	14	1	CPI
100001						7.	14	4	C 7 2
	4C	T5100		5	C5.1				_
160058	REPORT RUNAAY IN	PALOU	[6]	O	CP1	1P i	50u74	2	<b>CP1</b>
	SIGHT	19	16	2	5.1				
140050		3 v	11	ē	-	1 4 4	60075	. 2	F1
100009	CKOSS KWY OB OUTER					111	00010	۲.	r &
	MARKER	19	13	2	CP4				
160063	EXTEND LANDING GEAR	40	<b>ሶ</b> 3	Ü	CP3	40	ひつ	3	CPZ
		40	69	3.5	CP3			•	
					_				_
160061	CONTACT TIMER FOR	<b>₽</b> B	ذ ن	G	C P 4	* P	25	2.4	CPT
	FINAL LANDING CLEAR-	1 ರ	i7	2.4	CP2	iP1	50638	0.4	5 P1
	ANCE	13		9			53040	٠	*1
	- 110 E								
	•	191500		13			24	16	LFl
		40	15	10	CP 😘	141	50037	10	CPI
160062	LANDING CHECKLIST	43040		0			900 76	2	JP1
100102	TWADING CHECKETO!								
			T.	2			00677	6.0	CP1
	•	19	14	2.6	P 2	თ 8 С	40001	3	C P1
		121000		5		19		5	P2
	•				-	-	_		LP4
		191600		- 6		T b		. 5	
		350908	100	7.5	JP1	15	5U080	9.5	CP1
		1P	10	4.5	42	191	50081	10.2	CP1
		-				- •	<del>-</del>		

		10	10	10.2	PI	38⊍	70001	11.2	CP1
		19160	3682	13.2	CPI	12	14	13.2	P2
•		19100		13.6	CPI		iż	13.6	P4
		38090		14.1			ov084	16.1	CP1
		19	12	10.1	P 4	• • •	0000	1011	0,1
143643	DESCEND TORN 1536 FT	-				٠.	1.6	Ú	P 3
100(,03	DESCEND THRU 1506 FT	16 120	26.52	C	C 5 J	1.	14	U	۲3
160064	CROSS KWY SO MIDDLE MARKER	J V	ذد	c	Pl	۷د	1 5	r	CP1
160(65	DESCENU THRU 1200 FT	32	12	c.	CP3	181	50085	2.03	JF1
	(DECISION HEIGTH)	19	.1	2.28	9.5				
160166	CONTROL AIRCRAFT THRU TOUCHOOMN	Δان	06	U	Р3	+ 4	8 c	Ú	P1
160067	CROSS END OF RMY OB								
	TOUCHOLINN	<b>→</b> B	Эø	U	Ρĺ	4 A	68	i	P 2
230000		40	υi	2.5	5 6		02	24	Pi
		4D	48	2 04	22		03	1 29	PÎ
		04	U.C	0	94	711	0,5	1 27	, •
143640	CET COECO GOAR			-		/. E	·	. 4	(1 02
	SET SPEED BRAKES	<b>+</b> ₽	72		40 Ps		37		GLU P2
	SET AUTO BRACES	10	43		12 51		40		.01J Pi
160071	HANDOFF TO GROUND	18	<b>.</b> 8	Ú			ე00 <b>07</b>	0	*1
	CONTRUL (121.4)	1P100	(68	<b>خ</b> و ځ	* 1		14	6	CF2
		±ò	15	6	UP2	191	ちじいさり	0	C P1
		18	<b>-1</b>	4	CP3	Lô	72	ÿ	CP2
		1.6	t: 3	11.80	CPI	18	<b>ა</b> 5	14	LP1
		18	29	15.50	Crz	¥Β	16	15.5	CP1
		19160		15.5	CPI		18	20	*4
		1210		25			62692	23.5	*1
		13	49	25	CPI		15	25	τP+
		16160		25	CPI	<b>1</b> 0	1,7		C ( )
140172	CONTRUL AIRCRAFT DA	3K	16	6	P4	4.5	34	0	3 P4
180072			-			33	U 4	U	3 P4
	FINAL APPRIACH - 6	44	ا د	<u> </u>	91		- "	4	e <b>0</b> 0
10 F F O T	ADVISE APPROACH CON-		- 20	U	CP3		32	j	CP3
	TRUL UF FILOT INCA-	In int		U			5EK 02	3	ÇPL
	PACITATIUN	16.06		7	إدن		19	12	CPI
		19300	NC4	iί	CPI	irl:	o E K J 5	15	CPI
		19105	Kit	19	CP 1				
16EK02	CONTROL AIRCRAFT -AL	4 A	14	U	ح بز ب	BΔ	05	. <b>c</b>	CPI
		ЛĊ	10	C	CP4	43	6.1	)	CP2
		عاذ	(·2	C	CPL	3 4	16	ن	CPI
16EK03	COMPLETE IDAM. BEGIN	4 F	17		5091			•	• •
	DECELERATION.				•				
166834	REACH 170 KIAS. SET								
2020	THRUST TO FLIGHT								
	IDLE.								
145600	BEGIN DESCENT TO								
105,00									
	4500 FT.		140	•	0.3		6.5		c <b>s</b>
10FK09	ALTITULE CHANGE	4 A	29	0	CrZ		(+2	Š	CP1
	PROCEDURE - 4	3 H	ς2	O	CPI		10	0	C P 4
		46	07	U	CP1	غز	SI	7	CP3
	SET FLAFS 15	4 E	11		10CP4				
16EKu8	FLAP SET PRUS A	4 E	15	نادذ	1 C C P 3	414	υā	5.23	LP1
		4 1	€ 5	6.4	CPI	4 N	94	6.45	LPi
165809	CUNTRUL ALRCRAFT -FI	4 A	65	ί	CP3	34	100	Ü	CF2
	• • • •	3 R	57	Š	CPI		ΙĎ	Ğ	CP3
		3.	( 3	Ĵ	نے م		11	g	CP2
16EK10	CUNTRUL AIRLRAFT -DI		 دغ	Ü	CPI		35	ັ້ວ	C P4
30230		3 र	55	ű	CP3		15	Ŭ	CP1
		3 L	J2	ű	UP4		10	ő	694
		<i>J</i> =	0.	v	V: T	,	10	9	GFT

	LEVEL LEF AT 4500 FT									
16EK42	CONTRUL ALKCRAFI	44	<b>0</b> 4	ن		CP4	8 A	رزن	- 3	CP3
		3R	24	Ü		CPZ	38	9.1	13	CP4
	•	3 L	22	C		CP3	JΑ	10		ÇP3
16EK13	REDUCE THRUST	+ B	07 .	0	5	5CP1				
15EK14	REACH 150 KIAS	43	0.7			SCPI				
16EK15	MON VURIRMI-2	5 H .	02	_		5CP3	э́н	03	<b>ن</b> ـ	o bufis
16EK16	MON ADF/RMI-2	ΣĒ	26			SCPZ		27		5 5C P2
	SEGIN TURN TO HOG	-		•	-	20.2	,,	~ '	•	5 50112
•	150									
14582	HEADING CHANGE PROC-	3.5	~ <b>1</b>			بده	/- A	28		CP2
106410	A	33 3 L	01 02	Ú		CST		11	ن د	UP2
			_	Ċ			2.2	11	2	CFZ
	T ON SHAPETY	3K	5 B	C.		CST				
105 8 10	TURN COMPLETED - DN									
	HDG 16C.									
19Ek50	CONTRUL AIRCRAFT -61	44	04	Ĺ		CP3		J 5	O	UP2
		38	56	Ü		CPI	غد	, 05	0	LPZ
		AC	10	C		CPZ	3 S	υŢ	C	C + 3
16EK21	BEGIN TURN TO HOG									
	120									
16EK22	TURN COMPLETED - ON									
	HDG 120			-						
16Ek23	CAPTURE ILS LOCALI-	32	59	O	:	DCP1	3 K	16	U	CP3
	ZER. BEULH TURN TO	35	114	Ü		Crs		28	Č	CPZ
	HD G 0 90.	3 K	16	10		CP3		Ū4	15	CP3
	1100 0 100	44	28	10		CP2	_	11	5	CP2
		3 V	06	10		CP1	,,	• • •		.072
146494	TURN CUMPLETED - ON	<b>3</b> •	<b>50</b>	•		CFL				
105724	HDG 390 (KWY 08 HUG)									
145736		2.0	,	_		022	2 .:	0.4	-	663
195653	CONTROL ALKCRAFT ON	3 R	15	Ç		CP3		04	Ö	
	FINAL APPRUACH - 41	44	Ú	Ü		CPS		<b>J</b> 3	J	CbS
16cK26	CONTROL AIRCRAFT ON	3 R	-16	Ĺ		384		٠,4	Ü	C P4
	FINAL APPRIACH - B1	44	30	Ü		CP4	a E	<b>U</b> 3	Ú	CP3
16EK27	REDUGE SPEED TO 150	48	37	· C	ځ	50 P 1				
	KIAS.									
16EF 29	REACH 157 KIAS	43	<b>07</b>	v	2	201				
16EK29	SET FLAPS 25	46	12	Ü	ìű.	OCP1				
16EK30	ACQUIRE GLIDE SLUPE	3 V	0.9	Ü	5	5CP1	32	00	C	5 5CP1
16EK31	CROSS STUBBS. BEGIN	48	07	i	2	5C 2 1				
	DECFLEFATIUN TO 130			•	_					
	KIAS.									
16FK32	SET PLAYS 40	4 6	14	c	. 01	LOCP1				
	CPUSS BUTER MARKER	۷ٌۮ	11	G		CPI				
	SET SPEED BRAKES	4F	02	-		LOCP2				
105034	SET SPEED SHARES	4F	07			LCCP3				
14. 225	LANDING CARREST						: rs :		•	
105833	LANDING CHECKLIST -	999696		Ü				160036	ž	
	PILUT INCAPACITATED	191600		2.6				93091	. 3	CP1
		191600		5				.60079	5.1	CP1
		88090		7				60090	9	C F1
٠.		Thron		9.7				99631	13.7	CP1
•		191070	_	. 14.1				63063	14.1	CPI
		3 BUY D	J61	15.2		CP 1	191	.50084	17.2	CP1
	CROSS HIDDLE MARKER	٧د	13	0		CPI				
16EK37	DESCENE THRU 1435 FT	3 Ř	12	Ü		CP1				
	- DECISION HEIGHT					_				
16EK38	CONTRUL AIRCRAFT	EA	ذر	6		CP4	<b>→</b> Δ	6 ĉ	C	CP1
	THRU TOUCHDOAN	•		•		<b>-</b> •	• · ·		•	- · · -
iofK39	CROSS END OF RUNWAY									
	TEUCHDEWN AND WALL	48	u8	c		CP2	6 A	08	3	CP2
106170	I DOGINOCAN WAS POLL	• (3	<b>J</b> 5	·		GE Ş	MF	90	,	GF 2

	τυα	40 40	61 25	2.5 50	CP3		U2 03	24 70	CP2 CPI
16FK41		Α ر٠	07	C	CPI				
10= K42									
16 EK43									
JAEK44									
16FK45									
16Ek46									
165847									
16FK48 16EK49									
	•								
16EK50	ADVISE ATC GE PILOT	ix	30	ύ	CP4	1Ŕ	40	0	CP3
	INCAPACITATION		t=Kiil	Ų			≽rKÇ2	3	UP1
			ocku3	4.4	ÚP.		35	4.4	CP2
			6£K04 6£K06	1.1	CPI	1710	かたKひち	14	CF1
1c. FK51	MUNITUR AUTO HEADING		14	, <u>0</u> 19	CPZ	2 K	33	.)	CP1
	CHANGE	2K	47	o	CHI		52	Ü	C P1
166452	SET FADL FUR LLS	24	a Ì	ě	UP3		25	2.15	CP Z
	APPROACH	31	13	4.52	CPI				
16£K53	FLIGHT INSTRUMENT	21	C 2	U	C+2		0.2	O	CP1
	SCAN - 0	34	13	o	6 P 1	24	14	0	1 CP2
35Ek 54	CAPTUR! ILS LUCALI-	5 K	46 69	ų U	CP1 CP1				
	ZER	2 K	0 9	U	CFI				
16EK55	CROSS STUBBS. AGCS BEGINS PROGRAMMED								
	DECELERATION TO 135								
	KIAS								
16EK50	SET AGCS TO AUTO	2п	10	0	CPZ		11	2.13	CP1
	LANG MUDE - 4	24	21	3.10	Cal	27	13	3.90	CPI
	CROSS MIDULE MARKER	3√	13	. 0	CSI			•	
100000	DESCEND INRU BECI-	23	2.2	Ç	CPI				
16EK59	DISENGAGE AGC - A	28	10	ΰ	2 5.0	2 ri	13	2.13	CP1
		211	01	3.18	CP3		0.2	4.62	CPI
		2H	0.9	5.67	CPI	4 A	54	0	CP2
		4 A	t 4	. 10	CP3				
170001	RECEIVE INSTRUCTIONS		7 د	Ų			0001	9	*1
	TO SLOW TO ZOU KIAS	13	26 70UU2	4	CP2 CP1	T.D.	32	4	CP2
170002	ADJUST THRUST	10	97	3	PZ				
	REACH 213 KIAS		• •	•					
170004	REACH 200 KIAS								
170665	CROSS NORUKUUS VOR.	13	37	υ			<b>'</b> J003	c	*1
	RECEIVE INSTRUCTIONS		24	4	CP 2	1 8	16	4	CP 4
1 201.14	TURN TO HOG 210.	1 11	70004	4	CFI				
•	TURN CUMPLETED - UN HDG 21(								
170007	TUNE NAV RADIOS FOR	58	(6	·			وثن	ä	CF1
	MES APPROACH.	5 U	υt	Li	C 2 3		32	11	CF3
		5 U 5 V	€3 32	14 44	C P Z		01 03	46.93	CP3 CP1
			70026	49	CPI		02	40.43	P3
		56	04	<del>۲۷</del> 22	1		35	94	P1
		bΗ	02	49	CPI		93	49	CP1
170008	RECEIVE INSTRUCTIONS	13	1 >	C	#2	1217	<b>JJ05</b>	J	*1

	TO TURN, REDUCE SPU, AND DESCENU.	12 170006 48 32 12170008	3.5 7 11		18 26 19175397	7	C F4 C P I
170009	BEGIN TURN TO HOG	270		•••			
170610	TURN COMPLETED - ON HDG 270. BEGIN DE- CELERATION	43 07	Ü	? 2			
	REACH 190 KIAS REACH 180 KIAS. BEGIN DESCENT TO 6000 FT						
	HEVEL OFF AT 6000 FT	3R 59 1P 02	) 6•5	- CP1	12150067	2.5	CPI
170015	RECEIVE INSTRUCTIONS		C		1P170009	e	*1
	TO TURN TO HOG 18C,	19 25	6	J P 2	15 17	É	CP3
170016	DESCENT TO 5500 FT. BEGIN TURN TO HOG 180 AND DESCENT TO 3600 FT.	17 170611	6	CPI	19170012	9.5	( f 1
170617	TURN CUMPLETÉD - BN HDG 1PC					٠	
	LEVEL OFF AT 3600 FT	•					
170019	RECEIVE INSTRUCTIONS	_	U		IP170013	O	*1
	TO REDUCE SPEED TO	18 26	4	CP 2 CP 1	1E 32	4	LP2
170020	160 KI/S REACH 170 KIAS	19170014	7	CFI			
	RECEIVE FINAL CLEAR-	1B 19	0	#4	19170015	3	*1
	ANCE	1P176C16	3	+1	19170017	7	*1
		18 25	16	CP1		10	CPZ
		1P170C18	10		19176019	14	CPL
		18 U7	15	CP 1	16 06	15	CP2
170022	BEGIN RUNHAY OR	35 10	17.08 U		3S 04	G	F٤
*10.25	CENTERLINE ADQUIST-	4A 28	ŭ		3K 11	5	P 2
	TION TURN	3R 16	10	_	35 04	10	¥3
		44 28	16	P 2	3K 16	2:0	F 3
		3 S 34	26		4A 26	29	P 2
		3K 16	30 36	_	3S 04 3K 16	3 U	63 P3
		35 34	40		3K 16	40 40	P2
170023	RECEIVE INSTRUCTIONS			_	19170020	0	*1
	TO MAINIAIN SPEED	19170021	3.5	+1	16 14	4.5	CP4
		18 15	4.5	C 2 4	1P 160037	45	CPi
	TURN CUMPLETED -						
170025	CRUSS APPRIJACH GATE.	48 67	0	21			
170026	BEGIN LECELERATION.  CONTACT TOWER	18 00	L	CF4	18 28	2.39	CF1
110020	CONTACT TOREX	18 17			19170022	2.37	CP1
		19170(23	6.39		18 19	6	<b>*</b> 2
		19170024	ь		19175025	11.50	*1.
	BEGIN & DEG FIRST SEGMENT MLS APPROCH DESCENT						
	REACH 135 KIAS BEGIN TRANSITION TO 3 DEG SECOND SEGMENT MLS APPROCH DESCENT						

	CUMPLETE TRANSITION CONTROL AIRCKAFT ON	3.4	<i>د</i> ا	ņ	₽1	د د	17	. 5	P 3
	FINAL APPRUACH	4 A	=	Ú	٦٦				
17EKG1	ADVISE APPRUACH CEN-	-	26	U	223		32	Ĺ	(P3.
•	TROL OF PILOT INCA-		5 t. h [: ]	Ū			acky7	3	υP+
	PACTTATION		6EN.3	. 7	( ) T	_	19	12	644
			BEKÖS Bekös	16 19	C>1		っとくひと	15	CPI
176K02	MES ACGUISTITÚN	46.4	C. L. IV L. C.	17	C - 1				
	BEGIN TURN TO HIG								
	180 AND DESCENT TO 3600 FT								
17 EK 04	TURN COMPLETED - ON HDG 100						£.		
17FK05	LEVEL DEF AT 3000 FT								
	REACH 176 KIAS			•					
17EK07	BEGIN HUNNAY CENTER-	38	16	U	و دع	٤ د	U 4	c	ir3
	LINE ACQUISITION	44	2 છે	L	CP2	15	11	5	UP3
	TURN	34	10.	<b>L</b> J	CP3	ŝέ	ti 🙀	4.2	CP 3
		<b>→</b> A	20	10	CP2	эŸ	ìد	20	€ F.3
		ڏ ڌ	. 4	ڪ د	Ç03	→ A	26	20	CP 2
		30	¥5	36	C H 3	5 د	J 4	30	CF3
		+ A	25	3.4	2 دري		10	40	Ċ P 3
		35	(4	40	Ç 13	4 4	د ہ	4 Ŭ	CP2
	TURN COMPLETED	3.6			2.5.1				
115603	CONTROL ALRCRAFT ON	3.8	<i>f</i> -1	Č	CPI	3 3	17	J	C P3
175610	FINAL APPRUACH - X CRUSS APPRIACH GATE.	4 A	69 17	5	C5.T				
715073	BEGIN DECELERATION.	7,	- 1		CF I				
17EK11	BEGIN 6 PLG FIRST								
11071	SEGMENT MLS APPRUACH DESCENT	,							
	REACH 135 KIAS BEGIN TRANSITION TO								
	3 DFG SECOND SEGMENT MLS APPREACH DESURNI							•	
17EK14	COMPLETE TRANSITION								
17EK15	500 FT ABJVE KUNAAY								
	CRUSS ETU OF RUHWAY								
	TOUCHDE WIN		_						
180661	TUNE ATLANTA	ı R	. 7	C	0.53	īΚ	Vρ	Ú	684
	APPRIACH CONTROL	14	, 4	2.4	A 5				
10000	(126.9) TUNE ATIS (123./)	13	ъ 7	Ç	پ د خ				
120005	1046 #112 (153.77	. 0	29	2.41	CP2		0/5 0/6	4.74	224 222
		14	3 7 2 2	6.39	372		30	9	* 3
			::(01	4			0.0LUZ	12.42	4.1
			56663	16.48			000 0 E	2.04	* i
		iPle	56665	<b>40.1</b>	<b>*</b> .	į P	116	30.55	+1
180693									
18000+	SET NAV-3 IU AILANIA	21	71	0	۾ دن	JΥ	0.2	ij	CF 2
	VUP (115.0)	νY	. 3	3.16	082	. Y	25	4.7	CF1
18 00:05	CRÚSS EFT STANULE								
	AGCS BEGINS PROGRAM-								
	MED TURN TO HDG ZZL								
	AND DECELERATED TO								
10005	200 KIAS								
1800.00	TURN CEMPLETED - ON HDG 220								

180007	REACH 210 KIAS				•			
	REACH 200 KIAS							
	HANDOFF TO APPROACH	1k	16	0	* 4	19160016	Ű	+1
10000,	CONTROL (127.25)	191600		4	+1		5	C P3
	CUNIKUL (127.23)		-		_	-		_
		1R	37	5		15190CT8	5	CPI
		1.R	01		CP3		8	C P2
		1k	03	10.93	692	-	12.51	CP1
		1R	28	14	CP1	⊥R 40	14	CF2
		1P1600	19	14	CP1	1P160J20	17.5	CP1
		1ĸ	10	18.5	*2	19160021	18.5	*1
		1 N	07	22	CP 1		_	_
180610	CROSS MPT STARUZ.	•	••		-· <b>-</b>			
100010	AGCS BEGINS PROGRAM-					•		
	MED TUEN TJ HDG 270							
				,				•
	AND DECELERATION TO							
_	170 KIAS							
180C1i	IURN COMPLETED -ON							
	HD G 270.							
180012	REACH 170 KIAS. AGCS							
	BEGINS PROGRAMMED	,						
	DESCENT TO 4500 FT.							
180613	SET NAV-1 TO RWY UB	5₩	G1	ü	CP3	5¥ 02	· · ·	CPZ
100013	ILS (109.9)	5 W	03	2.37	CP2	J	•	0, 2
100016	SET NAV-2 TO RWY US	5 X	31	2.50	CP3	5X 02	٥	CP2
100014				-		5 A UZ	J	CPZ
	ILS (169.9)	χ	03	2.95	CP2		_	
180615	SET NAV-3 TO RWY 08	ÞΥ	ΟŤ	0	CP3	5Y 02	0	CPZ
	ILS (109.4)	jΥ	<b>U</b> 3	3.12	CP2			
180615	DESCEND THRU 10000	7G	17	G	CP2			
	FT							
180017	LEVEL UFF AT 4500 FT							
	SET DECISION HEIGTH	2.1	نے	0	CP1	2J 21	J	CP2
	ON GADI						-	
180019	AGCS BEGINS PROGRAM-					•		
100017	MED DESELERATION TO							
10.4.1	160 KIAS							
	REACH 160 KIAS							
180021	AGCS BEGINS PROGRAM-							
	MED TURN TO HOG 100							
180022	TURN CLMPLETED - ON							
	HDG 180.							
180023	RECEIVE INSTRUCTIONS	18	1ó	0	*1	19130004	0	+1
	FROM ATC	191 604	5	4	*1	1R 24	6	CP4
	• • • • • • • • • • • • • • • • • • • •	1Ř	15	6		1P180006	6	CP1
		18	v7	10	CP3	-	1 Ū	ÜΡ4
		1R	09	12.9	CP2			
1806.24	AGCS BEGINS PRUGRAM-	<b>*</b> "	1 7		U1 6			
700054								
	MED TURN TO HOG 120							
180025	TURN COMPLETED - ON							
	HDG 120							
180626	AGCS BEGINS PRUGRAM-							
	MED TURN TO HDG 590							
180027	CAPTURE ILS LUCALI-	21	99	Ü	CP1	19160067	2	CP1
	ZER	LP	Ü2	2	24			
190024	TURN COMPLETED - ON	-	-					
	HDG 390 (RWY 38 40G)							
18 0020	AGCS BEGINS PREGRAM-							
10 002 9								
	MED DECELERATION TO							
	150 KIAS							
180033	REACH 150 KIAS							

	ACQUIRE GLIDE SLUPE								
180032	CROSS SIUSUS. AGCS	1P1c3	072	U	CP 1	18	10	- C	ÞΙ
	BEGINS PRUGRAMMED								
	OFCELFRATION TO 135 KIAS								
180633	SET AGUS TJ AUTJ	24	10	C	01	211	11	2.13	PI
	LAND MCDE	2:1	5.1	3.10	PΙ	<b>4</b> J	13	3.96	P 1
180034	CONTACT TOWER FOR	18	<b>6</b>	0	ÇP3	1k	26	2	CP2
	FINAL LANDING CLEAR-	18	38	2			6 EUC	2	CFI
	ANCE.	1Pleü		•	CPI	_	32	٥	• 4
		1910)	•	ۆ		-	5)441	12	*1
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169033	DUT - AGCS AUTO LAND								
	MODE CONTPOL AIR-								
	CRAFT UNITE 30 KNOTS								
1a0037	DISENGAGE AGCS	2 H	10	0	<b>9</b> 1	2 H	13	2.13	Pl
	2132 10-02 - 1003	2H	Ü	3.18		24	02	4.02	P1
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110039	APPRIACH	2 J	13	4.56	P1	- 0	رے	2.17	<i>*</i> *
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180648									
180049									
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18005	REACH 100 KIAS. AGUS								
	BEGINS PROGRAMMED								
100052	DESCENT TO 6000 FT	<b>7</b> .	12	U	6.0				
	DESCEND THRU 10000 FT	76	11	5	GF 2				
	LEVEL OFF AT 6000 FT								
	SET NAV-1 TO RAY UR		94	Ü	3.93	2 W	<b>j</b> 2	Ģ	642
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130155	SET NAV-2 IU RWY OD		C I	6	CP3	λX	02	ij	CP2
	MLS	ρX	03	4.45	CP2				
180056	SET NAV-3 10 RWY OO	31	0.1	O	uP3	۲ ز	2ر	)	_ P 2
	MLS	s Y	. 3	3.12	C55				
180057	CROSS APT STARUS.								
	AGCS BEGINS PROGRAM-								

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MED TURN TO HOG 180
       AND DESCENT TO 3600
        F٦
180058 TURN COMPLETED - UN
       HDG 180
180059 LEVEL OFF AT 3600FT
       AGCS BEGINS PROGRAM-
       MED DECELERATION TO
       160 KIAS
180060 REACH 170 KI45
180661 REACH 160 KIAS
180062 AGCS BEGINS PRUGRAM+
       MED TURN TO HUG OSU.
180063 TURN COMPLETED - ON
       HDG 09C. CROSS WPT
       STARU4 (LAKESIDE)
       AGCS BEGINS PRUGRAM-
        MED DECELERATION TO
       135 KIAS.
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180064 HANDUFF TU AILANIA
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       TOWER (119.5)
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180065 BEGIN & DEG FIRST
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        DESCENT.
160066 REACH 135 KIAS
180067 TRANSITION TO 3 DEG
        SECUND SEGMENT MLS
        APPRUACH DESCENT
180000 TRANSITION COMPLETE.
       REACH 130 KLAS.
180069 CROSS END DE RWY OB
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20EK03	SHUTDOWN	PROCEDURE -	10	U3	0	Cr1	10	32	2.7	CFL
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20EK06	PERFORM SHUTDOWN	88	ΟŜ	0	CP1 7	A 11	2	CP1
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20EK07	PERFORM SHUTDOWN	88	ڏن	Č	CP1 6		2000 2	CPI
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205103	PERFORM SHUTDOWN	88	U3	0	CP1 d	-	2	C F1
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230001	ONTO TAXIMAY D AND	48	03	10	P1 4	_	10	P 4
	TAXI TO RAMP	4D	28		P1 4			P1
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230002	AFTER LANDING PROCE	74	17	3	CP1 /	_	ں 5.5	CP1
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230003	TURN OFF OF TAXLWAY	3 A	02	Ú	P2 4		U	P2
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230004	TAXI UP TO GATE	4M	01	ŷ	P4 4	8 03	0	F 4
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23EK03	TURN OFF OF TAXIWAY	4 M	03	ن	CP4 3		O	CP3
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23 E K 04	TAXI UP TO GATE	4 M	U3	0	UP4 4	P 07	Ç	LP1
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APPENDIX NINE
PHASE CATALOG

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                                       214 20EK27
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                             20EK16
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2300 TAXI - AFTER LANDING 230001
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23EK TAXI - AFTER LANDING 23EKUI
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     -PILOT INCAPACITATED
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APPENDIX TEN
MISSION CATALOG

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SCENARIO IA - ILS 5 0000 1 80 10NASA 515 - FFD (737)
XXXX
 10
0100 0 0 0 0300 1520 A400 1850 A700 3100 A900 3435 1100 10420 1400 11755
1600 15735 2300 22050 2000 22340
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                     CPCO-PILOT
                                 5 0000 1 80 20NASA 515 - FFD (737)
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              WITH MALEHNOTIONS
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 16FK 15735 23FK 2205C 20FK 22240
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            SCENARIO 2A - MLS 5 0000 1 80 30NASA 515 - FFD (737)
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 1700 15735 230C 21510 2000 21800
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                                    5 0000 1 PG 4CNASA 515 - FFD (737)
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  17EK 15735 23FK 21510 20FK 21800
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   PPILOT
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SCENARIU 3A - ILS 5 0000 1 80 50NASA 515 - AFD (737)
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0200 0 0 0 0300 1730 8400 2100 8700 3310 8900 3642 1300 10200 1500 12400
1800 15250 2300 21425 2000 21715
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                                   5 0000 1 30 60NASA 515 - AFD (737)
           SCENARIO 3B - ILS
XXXX
             WITH MALFUNCTIONS
18EK 15250 23EK 21425 20EK 21715
                    TOJI9-0090
 PPILOT
            SCENARIO 4A - MLS - 5 0000 -1 80 70NASA 515 - AFD (737)
 XXXX
 1801 15250 2300 20855 2000 21145
  PPILOT
                    CPCO-PILUT
 XXXX
            SCENARIO 46 - MLS 5 0000 1 80 80NASA 515 - AFD (737)
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 0200 0 0 0 0360 1730 8400 2100 8700 3310 89FE 3642 13XX 10200 1500 12400
 18XX 15250 23LK 20855 20EK 21145
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 PPILOT
                      CPCO-PILOT
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APPENDIX ELEVEN
SUBSYSTEM CATALOG

SUBSYSTEMS			TRIM	
14 VHF-1 (FFD)	23-21-02		AUTO FLIGHT CONTOOLS	22-1
18 VHF-2 (FED)	23-21-02		NUSE WHEEL STEERING	32-5
1F INTERPHONE	23-42-03		LEADING EDGE DEVICES	27-8
1G PUBLIC APPRESS	23-31-00		ADF/RMI 1	34-5
IH GROUND CPEW CALL	23-43-00		ADF/RMI 2	34-5
11 VOICE RECOPDER	23-71-02		VDR/RMI 1	34-3
1M SELCAL	23-28-00	5H	VOR/RMI ?	74-3
IN TRANSPONDEP	34-53-02	5 J	VORTAC	34-3
1P VOICE		5K	STANDRY COMPASS	34-2
19 VHF-1 (AFD)	23-21-02	5 P	DME-1	34-5
1R VHF-2 (AFD)	23-21-02	.5Q	DME-2	34-5
IS VHF-3 (AFD)	23-21-02	<b>5</b> U	VHF/NAV-1 (FFT)	
1T LOUDSPEAKER		5 V	VHE/NAV-2 (FED)	
2H ADV GDC CNTRL SYS (AGCS)		5 W	VHF/NAV-1 (AED)	
2J ELEC ATT DIREC INDIC (FADI)	<b>k</b>	5 X	VHF/NAV-2 (ACD)	
2K MULTI-FUNCTION OTSPLAY (MGO)		5 Y	VHF/NAV-3 (AFD)	
ZE NAV CHTRI DISO UNIT INCOUP	,		WEATHER PAPAR	34-4
3F MACH INDIC	34-13-06		TELEVISION	
3H CORRECTED PAPO ALTITUDE INDIC	34-13-04		HYDRAULIC SURSYSTEM	29-0
31 RADIO ALTIMETED	34-30-00		ELECTRICAL SURSYSTEM	24-0
3K ALTITUDE ALEPT, SYS	34-16-00		STANDRY COMPASS	34-2
3L VERTICAL SPEED INDIC	34-13-01		FUEL SUBSYSTEM	28-0
3M ELAPSED TIME THOTO	31-25-00		TAIR CONDITIONING SURSYSTEM	21-0
3N CLOCK	31-25-00		CABIN PRESSURE SURSYSTEM	21-3
3P STANDBY ATTITUDE PEE INDIC	34-24-00		PROPULSION SUBSYSTEM	23-2
30 FLIGHT RECORDED	31-31-02		FLIGHT SURSYSTEM	33-0
3R FLIGHT DIRECTOR INDIC (FOIL)	34-41-05		DXYGEN SURCYCTEM	35-0
3.5 COURSE INDIC (CT)	34-41-06		WHIT-ICE SHESYSTEM	30-0
3U TOTAL AIR TEMO THAT?	34-13-07		RAIN PEMONNI AND DEEDE SAUSAS	30-4
3V APPROACH PROCERTS PTSPLAY	24-34-00		AUX POWER UNIT	40-6
3W INSTRUMENT COMPARATOR DISPLAY			ENGINE START CONTROLS	74-3
4A PRIMAPY ATTITUS CONTROLS	27-00-00		EIRENDAEDHEVINAMUKE DELEU	26-Ö
48 PROPULSTON CONTROLS/THROTTLES	76-11-00		DODRS	
4C THRUST PEVERSED CONTROLS	78-34-00		MAPS/ CHAPTS/CHKEST/DEE/DATA	
40 LANDING CEAR AND PRAYES	32-00-00		SEATS/SEATRELTS	
4E FLAPS	27-50-00		EMERGENCY FOUTPMENT	
4F SPEED BRAKES	27-62-00		PERSONAL FOUTPMENT	

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